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ABSTRACT

Of the 345 Title I projects in operation in Massachusetts during 1975 58% were conducted during the school year, and 42% were conducted during the summer term. During this year, 77,706 children attending both public and nonpublic schools participated in Title I programs. Of the 319 projects responding, 98% indicated that they had an active Title I Parent Advisory Council. Reading was the major activity area. Mathematics was the second most frequent activity. Other major activity areas in which over 20,000 children were involved included physical education and recreation, social and emotional development, and cultural enrichment. The achievement data reported by the projects impose several limitations on conclusions drawn about the educational achievement of program participants. Since no uniform statewide testing program exists, scores reported vary in number and in kind. The achievement data used in this report were derived from projects that included reading and arithmetic as a major activity. In grades 1 through 8, except grade 4 there were reading gains. There were large gains in arithmetic in grades 1 through 6. (Author/AM)

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# ANNUAL EVALUATION REPORT

## Title 1, ESEA Fiscal Year 1975

MASSACHUSETTS DEPARTMENT OF EDUCATION

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
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# ANNUAL STATE REPORT

# ESEA, TITLE I

# 1975

THE COMMONWEALTH OF MASSACHUSETTS
MASSACHUSETTS DEPARTMENT OF EDUCATION
BUREAU OF CURRICULUM SERVICES
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Boston, Massachusetts

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MASSACHUSETTS TITLE I BASIC STATISTICS

Participation of Massachusetts Communities

Title I served a substantial number of educationally disadvantaged children throughout the commonwealth during fiscal year 1975. Table 1 reports the number of communities participating in Title I.

Table 1

Participation of Cities and Towns in Title I

| | Number | Percent |
|---|---|---|
| Received Entitlement | 344 | 98% |
| Have No Entitlement | 7 | 2% |
| Applied for Entitlement | 328 | 93.4 |
| Did Not Apply for Entitlement | 23 | 6.6 |

Of the 351 towns and cities in Massachusetts, 98% (344 communities) received entitlement to operate compensatory education programs for fiscal year 1975. A small percentage of the communities 6.6% (23 communities) did not apply for their entitlement. However, 93.4% (328 communities) of those eligible applied for and received their entitlement.

## Allocations by County

The amount of Title I money allocated to each county (excluding homes and institutions) in the Commonwealth is shown below. Each allocation is based on the number of low-income children, ages 5-17, in the county. Approximately 27% of the state's total grant is earmarked for Suffolk County - Boston, Chelsea, Revere, and Winthrop.

| County | Amount |
|---|---|
| Barnstable | $ 655,298.19 |
| Berkshire | 674,617.59 |
| Bristol | 2,747,842.13 |
| Dukes | 23,398.97 |
| Essex | 3,065,929.10 |
| Franklin | 226,368.64 |
| Hampden | 2,937,718.59 |
| Hampshire | 377,020.88 |
| Middlesex | 5,189,110.86 |
| Nantucket | 24,393.17 |
| Norfolk | 1,567,602.86 |
| Plymouth | 1,707,326.95 |
| Suffolk | 8,165,468.24 |
| Worcester | 2,930,693.35 |
| Total | $30,292,789.52 |

## Number of Title I Projects

Of the 345 Title I projects in operation throughout Massachusetts during fiscal year 1975, 58% were conducted during the school year, while 42% were operated during the summer term. (See Table 2.) An overwhelming number of these projects (331) were conducted by individual Local Educational Agencies (LEAs). Fourteen programs were carried out in concert with other school districts.

Table 2

Number and Percentage of School-Year and Summer Title I Projects, 1974 - 1975

| | Number of Projects | Percent of Projects |
|---|---|---|
| School Year | 200 | 58 |
| Summer | 145 | 42 |
| Total | 345 | 100.0 |

Number of Pupils Participating

During fiscal year 1975, 77,706 children attending both public and non-public schools participated in Title I programs. Table 3 shows the unduplicated* count of these children. The greatest number, 72,938, were enrolled in pre-kindergarten through grade 6.

Figure 1 shows that 51.1% of the Title I population was in grades 1-3; students in grades 4-6 comprised 27.5% of the total Title I population; and students enrolled in grades 7-12 accounted for only 5.9%. In summary, it is apparent that the vast majority of the students participating in Title I were in grades 1-6.

Table 4 reveals that the unduplicated count of participating children enrolled in the public schools was 69,474. These students represent approximately 89.4% of the total Title I population. Of these students, 65.8% were in pre-kindergarten, kindergarten, and grades 1-3, and 27.5% were in grades 4-6. Only 6.4% of the pupils in the public schools were in grades 7-12 and in the Special Education, Drop Outs, or Other categories.

*Students who participated in more than one project in an LEA are counted only once. If students participated in more than one project, such as school year and summer projects, this additional participation is noted under the "duplicated" count referred to later.

The unduplicated count of participating children enrolled in the non-public (parochial) schools was 8,232 students. (See Table 5.) Approximately 97.3% were in grades pre-kindergarten - 6.

The duplicated count of project participants provides another index of the total Title I effort. (See Table 6.) On 76,942 occasions Title I provided services to children, compared to the unduplicated count of 77,706.

The duplicated count includes only those students who actually participated in more than one project during fiscal year 1975. However, a student may have received both reading and mathematics services and been counted only once if reading and mathematics were part of one project. Because students were often able to take advantage of more than one service, the sum of the number of children involved in each activity provides a broader index of the services provided by Title I.

Project Activity Areas

Presented in Table 7 is a listing of 19 major activity areas in which the 345 Title I projects were involved during fiscal year 1975. Also reported in the Table is the total number of children involved in each activity area. Clearly, reading stands out as the major activity area of Title I in Massachusetts, involving the greatest number of students--58,718 students--and representing 76.3% of total duplicated count of participants. Mathematics emerged as the second most frequent activity in which Title I children participated. Other major activity areas in which over 20,000 children were involved included Physical Education and Recreation (23,943 students), Social and Emotional Development (23,654 students), and Cultural Enrichment (23,310 students).

Table 3

Unduplicated Count of Participating Children
Public and Non-Public Combined

| Grade | Number | Percent | Cumulative Percent |
|---|---|---|---|
| Pre-kindergarten | 3,675 | 4.7% | 4.7% |
| Kindergarten | 7,031 | 9.0 | 13.7 |
| 1 | 13,736 | 17.7 | 31.4 |
| 2 | 14,001 | 18.0 | 49.4 |
| 3 | 12,678 | 16.3 | 65.7 |
| 4 | 10,118 | 13.0 | 78.7 |
| 5 | 7,344 | 9.5 | 88.2 |
| 6 | 4,355 | 5.6 | 93.8 |
| 7 | 1,365 | 1.8 | 95.6 |
| 8 | 1,085 | 1.4 | 97.0 |
| 9 | 608 | 0.8 | 97.8 |
| 10 | 492 | 0.6 | 98.4 |
| 11 | 357 | 0.5 | 98.9 |
| 12 | 284 | 0.3 | 99.2 |
| Special Education | 305 | 0.4 | 99.6 |
| Drop Outs | 67 | 0.1 | 99.7 |
| Other | 205 | 0.3 | 100.0 |
| Total | 77,706 | 100.0 | |

Figure 1

Unduplicated Count of Participating Children
By Selected Grade Level Categories
Public and Non-Public Combined

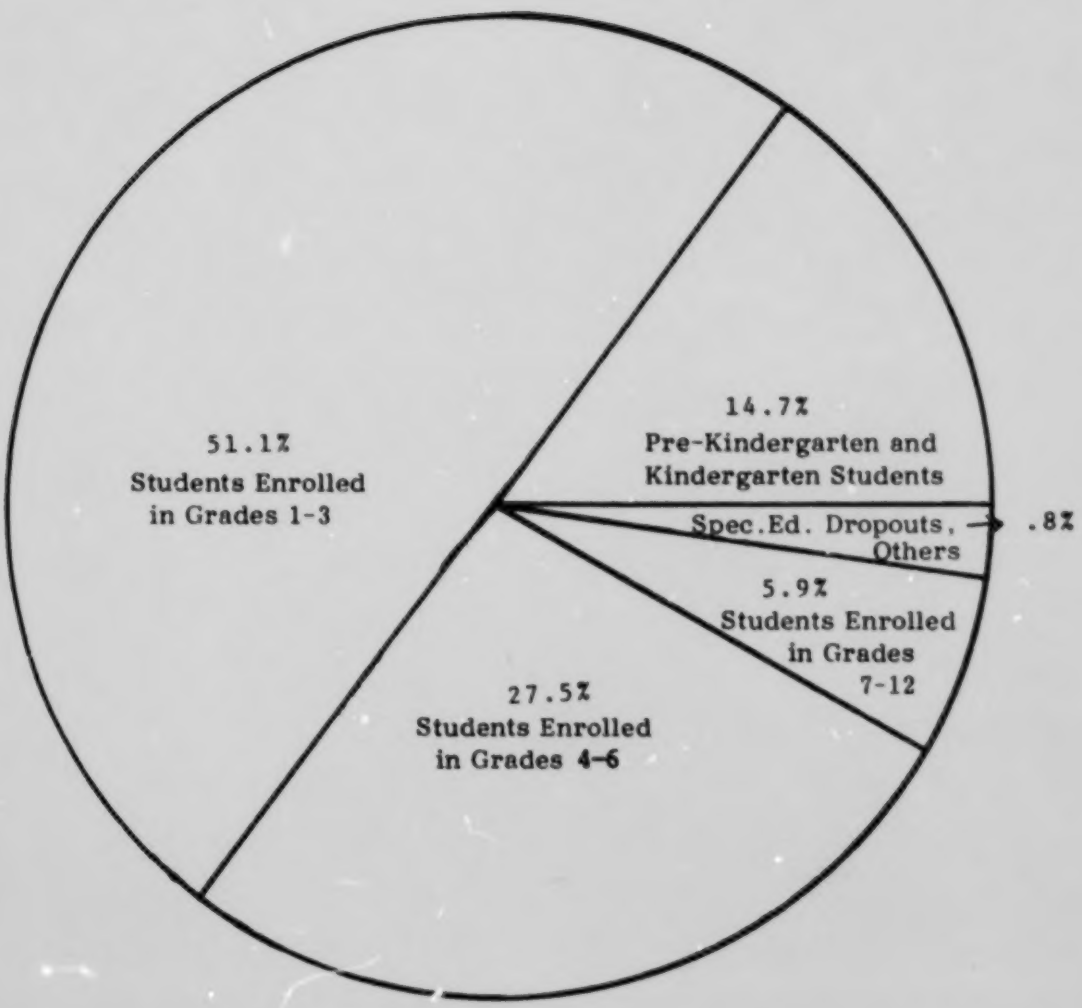


Table 4

Unduplicated Count of Participating Children
Enrolled in Public Schools

| Grade | Number | Percent | Cumulative Percent |
|---|---|---|---|
| Pre-kindergarten | 3,507 | 5.0% | 5.0% |
| Kindergarten | 6,761 | 9.7 | 14.7 |
| 1 | 12,077 | 17.4 | 32.1 |
| 2 | 12,319 | 17.7 | 49.8 |
| 3 | 11,143 | 16.0 | 65.8 |
| 4 | 8,890 | 12.8 | 78.6 |
| 5 | 6,325 | 9.1 | 87.7 |
| 6 | 3,906 | 5.6 | 93.3 |
| 7 | 1,281 | 1.8 | 95.1 |
| 8 | 1,006 | 1.4 | 96.5 |
| 9 | 602 | 0.9 | 97.4 |
| 10 | 489 | 0.8 | 98.2 |
| 11 | 354 | 0.6 | 98.8 |
| 12 | 284 | 0.4 | 99.2 |
| Special Education | 288 | 0.3 | 99.5 |
| Drop Outs | 37 | 0.2 | 99.7 |
| Other | 205 | 0.3 | 100.0 |
| Total | 69,474 | 100.0 | |

Table 5

Unduplicated Count of Participating Children
Enrolled in Non-Public Schools

| Grade | Number | Percent | Cumulative Percent |
|---|---|---|---|
| Pre-kindergarten | 168 | 2.0% | 2.0% |
| Kindergarten | 270 | 3.3 | 5.3 |
| 1 | 1,659 | 20.2 | 25.5 |
| 2 | 1,682 | 20.4 | 45.9 |
| 3 | 1,535 | 18.6 | 64.5 |
| 4 | 1,228 | 14.9 | 79.4 |
| 5 | 1,019 | 12.4 | 91.8 |
| 6 | 449 | 5.5 | 97.3 |
| 7 | 84 | 1.0 | 98.3 |
| 8 | 79 | 0.9 | 99.2 |
| 9 | 6 | 0.1 | 99.3 |
| 10 | 3 | 0.05 | 99.35 |
| 11 | 3 | 0.05 | 99.4 |
| 12 | 0 | 0 | 99.4 |
| Special Education | 17 | 0.2 | 99.6 |
| Drop Outs | 30 | 0.4 | 99.6 |
| Other | 0 | 0 | 100.0 |
| Total | 8,232 | 100.0 | |

Table 6

Total Project Participants
Duplicated Count

| Grade | Public | Non-Public | Total | Percent |
|---|---|---|---|---|
| Pre-kindergarten | 2,797 | 184 | 2,981 | 3.9% |
| Kindergarten | 6,498 | 213 | 6,711 | 8.7 |
| 1 | 12,048 | 1,557 | 13,605 | 17.7 |
| 2 | 12,233 | 1,712 | 13,945 | 18.1 |
| 3 | 11,133 | 1,519 | 12,652 | 16.4 |
| 4 | 8,901 | 1,265 | 10,166 | 13.2 |
| 5 | 6,628 | 1,050 | 7,678 | 10.0 |
| 6 | 4,079 | 431 | 4,510 | 5.9 |
| 7 | 1,236 | 59 | 1,295 | 1.7 |
| 8 | 858 | 46 | 904 | 1.2 |
| 9 | 627 | 11 | 638 | 0.8 |
| 10 | 498 | 3 | 501 | 0.7 |
| 11 | 379 | 3 | 381 | 0.5 |
| 12 | 299 | 0 | 299 | 0.4 |
| Special Education | 209 | 15 | 224 | 0.3 |
| Drop Outs | 50 | 30 | 80 | 0.1 |
| Others | 371 | 0 | 371 | 0.5 |
| Total | 68,844 | 8,098 | 76,941 | 100.1 |

Table 7

Major Project Activity Areas
Offered by Title I Projects

| Project Activity | Total No. of Children Involved | Percent of Total Title I Participants (Duplicated Count) |
|---|---|---|
| Reading | 58,718 | 76.3 |
| Mathematics | 35,366 | 46.0 |
| Physical Education or Recreation | 23,943 | 31.1 |
| Social and Emotional Development | 23,654 | 30.7 |
| Cultural Enrichment | 23,310 | 30.3 |
| Diagnosis of Learning or Emotional Problems | 19,536 | 25.4 |
| Medical or Dental Services | 19,106 | 24.8 |
| Crafts, Art, Music or Dramatics | 13,463 | 15.0 |
| Other Language Arts | 11,579 | 15.0 |
| Food or Clothing Services | 11,346 | 14.7 |
| Science | 5,168 | 6.7 |
| Speech and Hearing | 3,464 | 4.5 |
| English as a Second Language | 3,294 | 4.3 |
| Social Studies | 2,552 | 3.3 |
| Other Academic Areas | 2,489 | 3.2 |
| Home Economics | 1,067 | 1.4 |
| Industrial Arts | 809 | 1.0 |

Table 7 (Cont.)

| Project Activity | Total No. of Children Involved | Percent of Total Title I Participants (Duplicated Count) |
|---|---|---|
| Business Education | 568 | 0.7 |
| Other | 7,798 | 10.1 |

Types of Staff

Table 8 reports the types of Title I staff employed (salaried and non-salaried combined) and distinguishes between full-and part-time positions. A little more than one-fourth of the full-time staff were elementary teachers; about one-third were teacher aides. Of the part-time personnel, 20.7% were elementary teachers 26.4% were teacher aides.

Figure 2 illustrates the salary status of both full-and part-time staff. More than 87% of the full-time Title I staff were salaried, about 74% of the part-time staff were salaried, and the combined percentage of full-and part-time salaried staff was more than 84%.

The types of staff in Title I projects, salaried and non-salaried combined, is depicted in Figure 3. Approximately 40.4% were classified as teachers, over 42.3% were aides, and the remaining were categorized as either administrators or specialists.

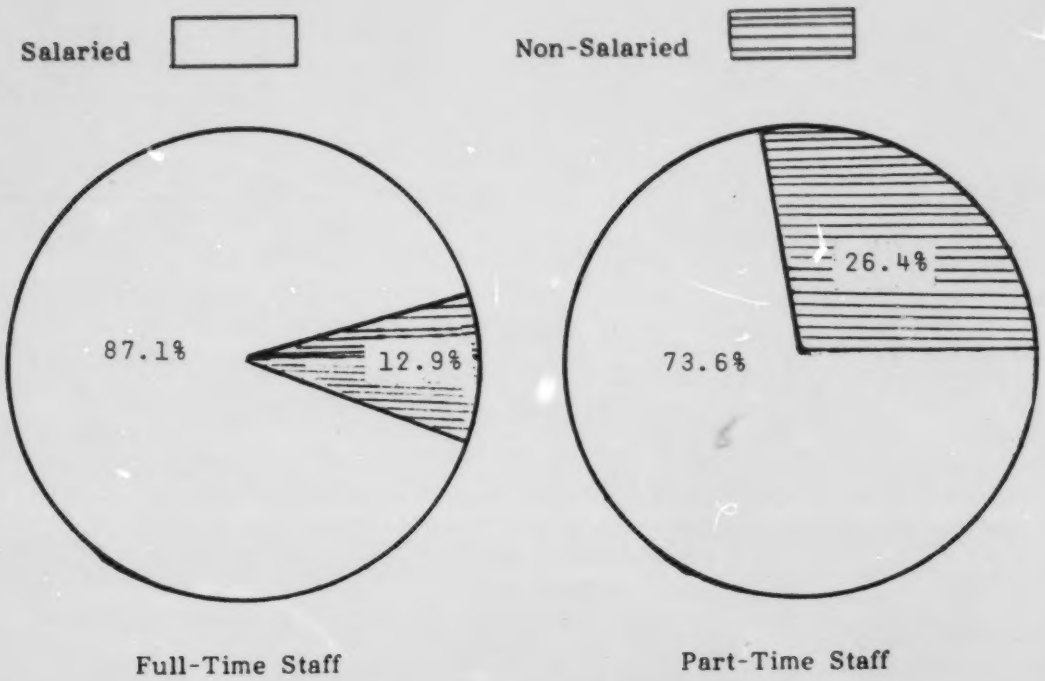
Table 8

Types of Staff in Title I Projects
Salaried and Non-Salaried Combined

| Staff | Full Time Number | Full Time Percent | Part Time Number | Part Time Percent | Total Number | Total Percent |
|---|---|---|---|---|---|---|
| Pre-kindergarten Teachers | 330 | 4.2% | 36 | 1.7% | 366 | 3.7% |
| Kindergarten Teachers | 338 | 4.4 | 97 | 4.6 | 435 | 4.4 |
| Elementary Teachers | 2,115 | 27.2 | 439 | 20.7 | 2,554 | 25.8 |
| Secondary Teachers | 333 | 4.3 | 30 | 1.4 | 363 | 3.7 |
| Special Education Teachers | 200 | 2.6 | 77 | 3.6 | 277 | 2.8 |
| Reading Specialists | 387 | 5.0 | 133 | 6.2 | 520 | 5.3 |
| Speech Therapists | 257 | 3.3 | 32 | 1.5 | 289 | 2.8 |
| Librarians | 217 | 2.8 | 19 | 0.9 | 236 | 2.4 |
| Supervisors and Administrators | 388 | 5.0 | 232 | 10.9 | 620 | 6.3 |
| Counselors and Psychologists | 182 | 2.3 | 82 | 3.8 | 264 | 2.7 |
| Attendance and Social Workers | 170 | 2.2 | 35 | 1.7 | 205 | 2.1 |
| Physicians and Nurses | 76 | 1.0 | 82 | 3.8 | 158 | 1.6 |
| Teacher Aides | 2,379 | 30.6 | 561 | 26.4 | 2,940 | 29.7 |
| Library Aides | 50 | 0.7 | 29 | 1.4 | 79 | 0.8 |
| Other | 345 | 4.4 | 239 | 11.2 | 584 | 5.9 |
| Total | 7,767 | 100.0 | 2,123 | 100.0 | 9,890 | 100.0 |

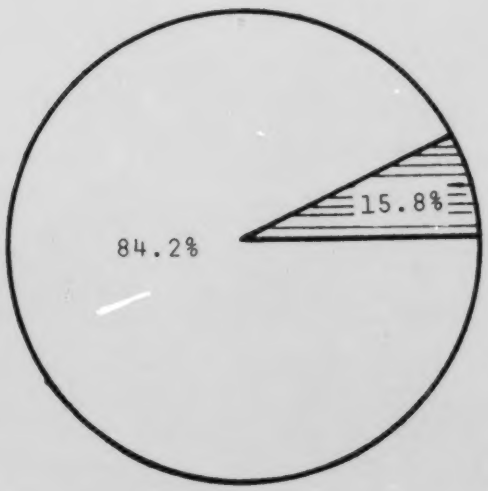
Figure 2

Types of Staff in Title I Projects




Full-Time Staff

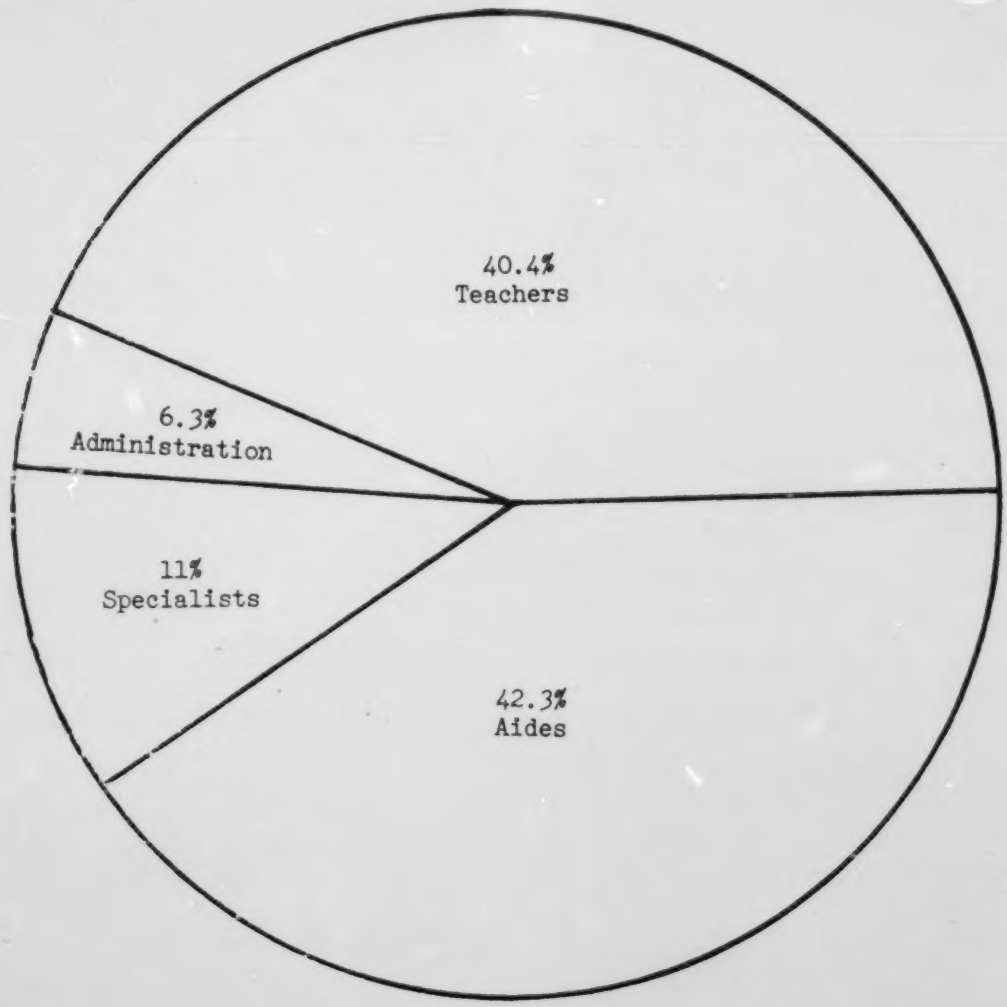
Part-Time Staff




Full-Time and Part-Time Combined

Figure 3

Types of Staff in Title I Projects
(Salaried and Non-salaried Combined)




Legend

| Teachers | Administration | Specialists | Aides |
|---|---|---|---|
| Pre-kindergarten | Administrators | Reading | Teacher |
| Kindergarten | Supervisors | Speech | Library |
| Elementary | | Librarians | Other |
| Secondary | | Counselors/Psychologists | |
| Special Education | | Attendance/Social Workers | |
| | | Physicians/Nurses | |

## Non-Public School Participation

According to the United States Office of Education guidelines, public school authorities are required to provide non-public school children with opportunities to share the funded services available to public school children under the following regulations:

1. If the non-public school's educationally deprived children reside in an eligible public school attendance area, and
2. If the Title I services had not been provided previously by the private or parochial school, and
3. If the nature and extent of the disadvantaged non-public school children's educational needs could logically be satisfied by the kind of educational services to be given to the public school children.

Figure 4 shows the extent of participation of non-public school students in Title I projects. Of the 306 projects reporting, 84 projects (27.5%) indicated that some eligible non-public school students took part in their Title I projects. Non-public school children actually participated in 129 Title I projects, 42% of the projects for which they were eligible.

Figure 5 provides information relative to non-public school student participation according to project location. More than one-half of the 79 projects (51%) attended by non-public school children took place on public school grounds; 46 projects (29%) took place on non-public school grounds; 10% on public and non-public grounds, and 10% on other locations.

Figure 4

Extent of Participation of Non-Public School Students in Title I Projects

Total Number of Projects Reporting = 306

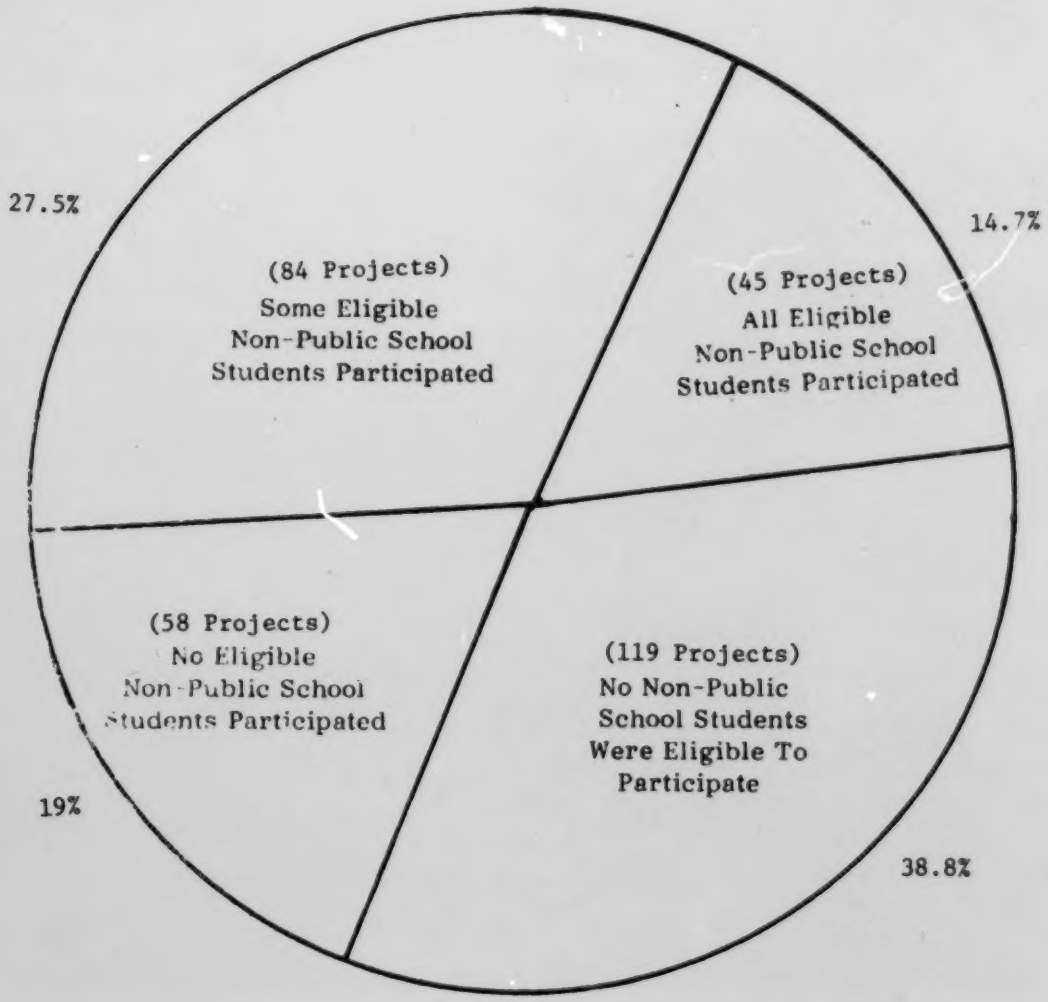
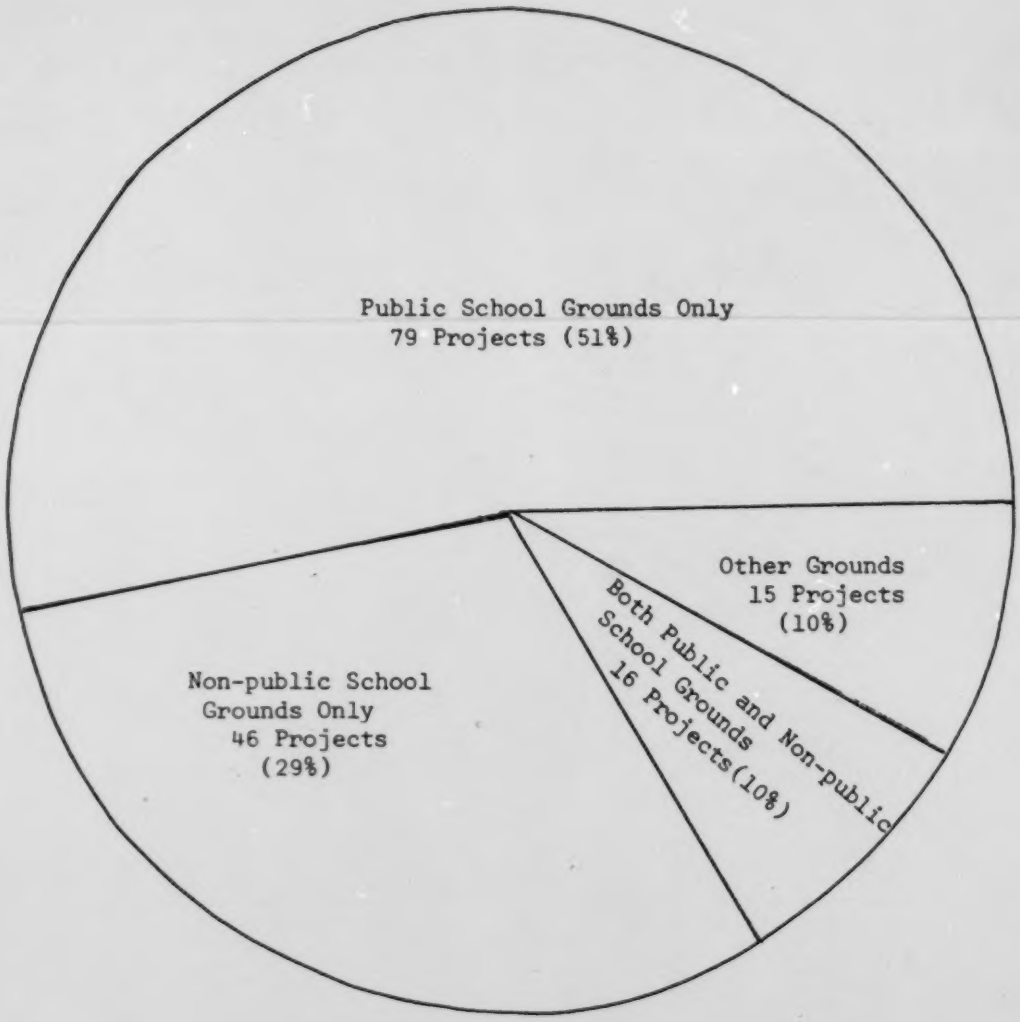


Figure 5

Non-public School Student Participation
According to Project Location*




*Based on data of the 156 projects reporting.

Of the 139 projects reporting, 129 (92.8%) indicated that non-public school students began participation in a Title I project at the beginning and at the same time as the public school children (See Table 9).

Table 9

Non-Public School Student Patricipation
According to Time Project Participation Began

| | Number of Projects | Percent |
|---|---|---|
| At the beginning of the project and at the same time as the public school children | 129 | 92.8% |
| Near the beginning of the project but later than the public school children | 8 | 5.8 |
| About halfway through the project | 1 | 0.7 |
| When more than half the project term was over | 1 | 0.7 |
| Total | 139 | 100.0 |

Table 10 shows non-public school student participation according to the time of day. Of the 149 projects reporting, 131 (87.9%) noted that non-public school activities took place during the regular or summer school day. Only 7 (4.7%) reported that project activities took place after or before the regular or summer school day.

Table 10

Non-Public School Student Participation
According to Time of Day

| | Number of Projects | Percent |
|---|---|---|
| During the regular or summer school day | 131 | 87.9% |
| After the regular or summer school day | 3 | 2.0 |
| Before the regular or summer school day | 4 | 2.7 |
| On weekends | 4 | 2.7 |
| Other | 7 | 4.7 |
| Total | 149 | 100.0 |

Table 11 shows the major activities and extent of involvement in Title I of non-public school representatives. A majority of Title I projects reported that non-public school representatives participated in planning the project design of 93 projects. The second area of greatest participation was in evaluation (87 projects). Sixty-three projects reported that non-public school representatives helped in planning curriculum and materials.

Table 11

Participation of Non-Public
School Representatives in Title I Projects

| Type of Activity | Number of Projects With Representatives Participating |
|---|---|
| Planning Project Design | 93 |
| Evaluation | 87 |
| Planning Curriculum and Materials | 63 |
| Project Instruction and Services | 60 |
| Other | 53 |
| Staff Training | 26 |

## Staff Training

Table 12 shows a breakdown of training programs offered to Title I staff by funding source during fiscal year 1975. Of the 307 training programs operated throughout the state, 126 programs (41%) used Title I funds for staff development, while 68 training programs (22.1%) were funded by the LEAs. Another 61 (19.9%) indicated that staff training programs were paid for jointly by Title I and the LEAs.

Table 12

Projects Operating Staff Training Programs

| | N | Percent |
|---|---|---|
| Title I Funded | 126 | 41.0 |
| Funded by School System | 68 | 22.1 |
| Funded Jointly by Title I and School System | 61 | 19.9 |
| No Training Program, but Staff Training Provided During Previous Project Year | 31 | 10.1 |
| Other | 21 | 6.9 |
| Total | 307 | 100.0 |

A description of the types of staff for whom the training programs were conducted and the actual numbers of staff members who received training are presented in Tables 13 and 14.

Table 13

Types of Staff Provided Training

| Staff | Number of Projects | Percent |
|---|---|---|
| Teachers and Teacher Aides Jointly | 155 | 51.5% |
| Teachers and Professional Staff Only | 70 | 23.3 |
| Teachers and Teacher Aides Separately | 44 | 14.6 |
| Teacher Aides Only | 18 | 6.0 |
| Other | 14 | 4.6 |
| Total | 301 | 100.0 |

Table 14

Number of Staff Members Who Received Training

| Type of Staff | N | Percent |
|---|---|---|
| Teacher Aides and Other Non-Professional Staff | 6,408 | 57.7% |
| Teachers and Other Professional Staff | 4,698 | 42.3 |
| Total | 11,106 | 100.0 |

A total of 70 Title I projects conducted training for teachers and professional staff only, while 18 projects provided training for teacher aides only. More than (51.5%) of the projects conducted joint training sessions for both teachers and teacher aides.

As shown in Table 14, a total of 11,106 Title I staff members participated in staff development sessions. Of this total 42.3% were teachers and other professional staff, and 57.7% were teacher aides and other non-professional staff members.

Table 15 indicates when training sessions took place. Approximately seven out of ten of the sessions were conducted prior to and during the project operation. A few were conducted during the project.

Table 15

Time of Staff Training

| Time | N | Percent |
|---|---|---|
| Prior to and During Project | 208 | 68.9% |
| During the Project Only | 58 | 19.2 |
| Prior to Project Only | 31 | 10.3 |
| Other | 5 | 1.6 |
| Total | 302 | 100.0 |

A summary of the intensity of the Title I training programs is shown in Figure 6. Eighty-one projects indicated their training session operated 1-5 hours, 71 projects reported that sessions operated 6-10 hours, and 51 projects noted that sessions were held 11-15 hours.

Table 16 reports the types of personnel used to conduct staff training. Title I Project Directors were responsible for conducting 85.3% of the sessions; 59.3% of the programs reported that their local teachers and staff specialists conducted staff training sessions; and 24.4% of the programs noted that specialists from colleges and universities assisted with staff training.

The major topics covered in the training sessions are presented in Tables 17 and 18. The most common topic for professionals and non-professionals was orientation to the Title I project. More than 65% of the projects reporting indicated that the use of equipment and material and subject matter areas were the major topics for professional staff.

Figure 6

Number of Hours of Training Received
By Title I Staff Members

Total Number of Projects Reporting = 295

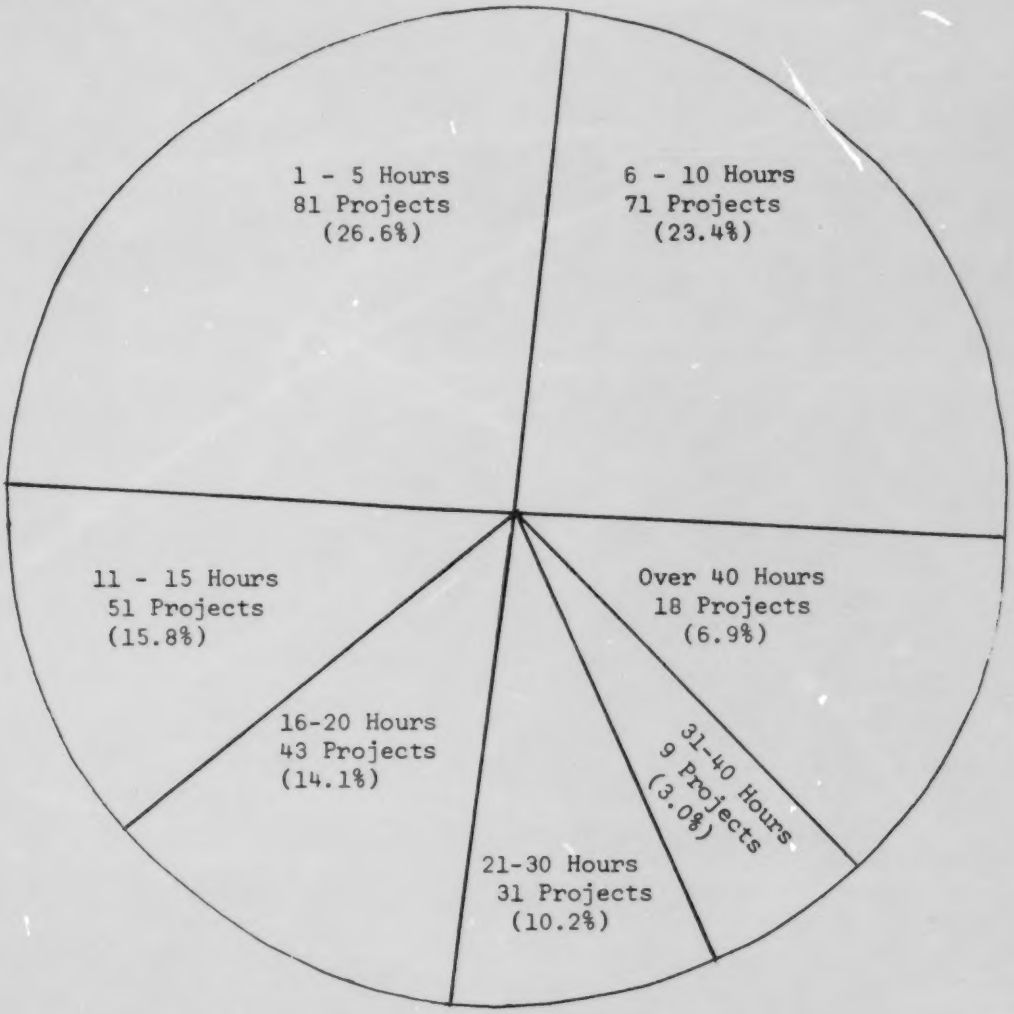


Table 16

Personnel Conducting Staff Training

| Type of Personnel | Number of Projects | Percent |
|---|---|---|
| Project Director | 262 | 85.3% |
| Local teachers and staff specialists | 182 | 59.3 |
| Specialists from colleges and universities | 75 | 24.4 |
| Specialists from industry and/or the arts | 46 | 15.0 |
| Specialists in medical and psychological services | 14 | 4.6 |
| Others | 45 | 14.7 |

Table 17

Major Topics of Title I Professional Staff Programs

| Topic of Program | Number of Projects | Percent of Projects |
|---|---|---|
| Orientation to Title I Project | 219 | 71.3% |
| Use of equipment and materials | 200 | 65.1 |
| Use and duties of teacher aides | 181 | 58.9 |
| Subject matter areas | 161 | 52.4 |
| Development of curriculum and teaching materials | 137 | 44.6 |
| Measurement, evaluation, and reporting | 118 | 38.4 |
| Project planning and design | 100 | 32.8 |
| Use of supportive services (counseling, medical, etc.) | 89 | 28.9 |
| Culture and psychology of the educationally disadvantaged | 65 | 21.1 |
| Diagnosis of learning disabilities | 64 | 20.8 |
| Other | 15 | 4.8 |

Table 18

Major Topics of Title I Teacher Aide and Non-Professional Staff Programs

| Topic of Program | Number of Projects | Percent of Projects |
|---|---|---|
| Orientation to Title I Project | 262 | 85.3 |
| Development of curriculum and teaching materials | 229 | 74.6 |
| Use of equipment and materials | 220 | 71.7 |
| Measurement, evaluation, and reporting | 220 | 71.7 |
| Subject matter areas | 217 | 70.7 |
| Use and duties of teacher aides | 175 | 57 |
| Project planning and design | 173 | 56.4 |
| Use of supportive services (counseling, medical, etc.) | 150 | 48.9 |
| Diagnosis of learning disabilities | 122 | 39.7 |
| Culture and psychology of the educationally disadvantaged | 85 | 27.7 |
| Other | 23 | 7.5 |

## Community and Parent Involvement

### Title I Advisory Council

Of the 319 projects responding, 98% indicated that they had an active Title I Parent Advisory Council (PAC) during fiscal year 1975. Two hundred twenty indicated that their PAC had served more than one Title I project, while 103 revealed that their councils assisted in the operation of one project only.

In almost all the projects (93%), the voting membership of the councils was parents. Of those reporting, 93% (286) reported that all the parents who were voting members in the PAC were parents of children involved in the 1974-1975 school year Title I project or of children involved in the 1975 summer project. Nine percent of the projects (27) indicated that other parents were voting members in the council. Further, of the 319 projects contributing data, 88% (281) reported that Parent Advisory Councils were being planned for each Title I school. In addition, there were 4,414 active PAC members during FY 1975.

Table 19 shows the number of activities in which the PACs took part. Title I directors were asked to rank-order the activities in which their PACs participated according to the effort expended on each activity. For each project, the activities receiving ranks of 1, 2, 3, or 4 were tabulated to establish the order presented in Table 19. The PACs spent a great deal of their time "recommending direction for this specific project in the total program" and "identifying the needs of children to be served."

Table 20 shows the composition of the non-voting membership of the PACs.

Table 19

Rank of Advisory Council Activity
in Order of Effort Council Devoted
to Each Activity

| Activity | Total Number of Projects Assigning Ranks | Rank |
|---|---|---|
| Recommending direction for this specific project in the total program | 267 | 1 |
| Identifying the needs of children to be served | 229 | 2 |
| Reviewing project plans developed by the school | 206 | 3 |
| Recommending direction for the overall Title I effort in the district | 184 | 4 |
| Evaluating existing projects | 157 | 5 |
| Initiating specific plans for the project's activities | 90 | 6 |
| Disseminating information on Title I activities | 72 | 7 |
| Mobilizing personnel and community resources (Teacher aides, volunteers, service agencies, etc.) | 43 | 8 |
| Participating in personnel policy | 11 | 9 |
| Other | 9 | 10 |

Table 20

Non-voting Membership of
Title I Advisory Councils

| Type of Member | Number of Projects | Percent of Projects |
|---|---|---|
| Public School Administrators | 249 | 78.1 |
| Teachers (Public) | 202 | 63.2 |
| Parents of Public School Children Served by Title I | 149 | 46.7 |
| Parents of Non-Public School Children not Served by Title I | 66 | 20.7 |
| Non-Public School Administrators | 61 | 19.1 |
| Parents of Public School Children not served by Title I | 57 | 17.9 |
| School Committee Members | 53 | 16.6 |
| Anti-Poverty Program Representatives | 47 | 14.7 |
| Teachers (Non-Public) | 43 | 13.5 |
| Service Club Representatives | 19 | 6.0 |
| Parents of Non-Public School Children Served by Title I | 15 | 4.7 |
| Students | 10 | 3.1 |
| Other | 24 | 7.5 |

Two-hundred forty-nine public school administrators, 202 public school teachers, and 149 parents of public school chidren served by Title I made up the non-voting membership. Twelve Title I projects reported that students were non-voting members.

## Effect on Educational Achievement

In this section the effects of Massachusetts Title I programs upon the reading and arithmetic achievement are presented. Discussion is based principally upon the analysis of achievement scores from standardized tests administered at or near the beginning and end of the programs.

The achievement data reported by the projects impose several limitations on conclusions drawn about the educational achievement of Title I program participants. Since no uniform statewide testing program exists, scores reported in the annual Title I report vary in number and kind. Some projects did not administer standardized tests; other non-standardized tests served as their criterion measures. While the great majority of projects reported some evaluative data, some projects did not report all of their data in a form amenable to the kind of analysis used in this report.

The achievement data used in this report were derived from the Title I projects that included reading as a major activity and from the projects that included arithmetic as a major activity. Table 21 accounts for those projects reporting pre-and post-measures (Total Score) from standardized achievement criteria only. The total 32,603 students represents over 41.9 of the unduplicated count of Title I participants.

Table 21

Sources of Achievement Data

| | Number of Participants Tested | |
|---|---|---|
| | School Year 1974-1975 | Summer 1975 |
| Reading | 20,125 | 8,809 |
| Arithmetic | 2,824 | 845 |
| Totals | 22,949 | 9,654 |

## Analysis of Achievement Data

Standardized achievement tests were administered in the majority of both summer and school year projects. Those tests mainly employed to assess achievement in reading and arithmetic included the Stanford Achievement Test, Metropolitan Achievement Test, California Achievement Test, Gates-MacGinitie Reading Test, and Iowa Tests of Basic Skills.

The usable test results from all cities and towns were divided by subtest and grade level. Gain rates were computed by comparing the gain in the grade equivalent score to the number of months of participation in a program. Average gain rates for all programs using a particular test were computed for each grade level on each subtest. Tables of achievement test results on the subtests of each reading and arithmetic test (i.e., California, Metropolitan, etc.) are presented in the Appendix.

Before further discussion of the reading and arithmetic achievement, it is important to note that the gross actual gain in grade-equivalent score (i.e., the difference between pre-and post-test means shown in the tables) does not necessarily reflect the length of programs or the total gains which may have been made over the length of programs. For the most part, the time between pre-and post-testing was less than the time between the actual beginning and end of the program. The monthly gain rate, therefore, provides a more meaningful index of the program's effectiveness. The difference between the grade-equivalent scores divided by the number of months between pre-and post-testing yields an index of monthly gain rate. For example, if a pupil gained three months in Grade Equivalent (G.E.) score in three months, his gain rate index would be 1.0; that is, he would have gained at the rate of one month for every month's participation in the program. The obtained gain rate

between pre-and post-testing can be compared to the average rate of gain of 0.7 generally cited for disadvantaged children.

Gain rates were also computed for available Total Reading and Total Arithmetic scores for the separate achievement tests. These results are also found in the Appendix along with the subtest scores.

For convenience of interpretation and to provide an overview of test results across the State, Total Reading and Total Arithmetic scores from the different tests were grouped for analysis. It is recognized that the results of these tests are not directly comparable. However, it is felt that the groupings do meaningfully depict the trends in reading and arithmetic achievement shown in the separate test analysis. The results for the Total Reading and Total Arithmetic score are discussed and displayed in Tables in the main body of the report.

In another attempt to summarize the data, the average gain rates were classified into four categories: $\leq .7$ months per month, .8 to .99 months per month, 1.0 to 1.5 months per month, and $> 1.5$ months per month. The purpose of this analysis was to obtain an approximation of the number of students who fell into each category.

Because only group averages were available, each grade level of projects with test data was then classified into one of these categories. The total numbers of students tested in the grade levels so classified were then summed. This procedure produced a total number of students in each grade level who achieved at the average monthly gain rates specified

for each category. (For example, if 50 students tested in Grade 1 of Project A achieved an average monthly gain rate of .8 months per month and 75 students tested in Grade 1 of Project B achieved an average monthly gain rate of .9 months per month, both groups were classified in the second category, .71 to 1.0 months per month. The 50 students from Project A were thereupon added to the 75 students from Project B to produce a total of 125 students who were classified in this category.) The reader is cautioned that these figures represent only an approximation of the actual numbers in each category, because individual student scores were not tallied. However, it is believed that, for descriptive purposes, this analysis provides a useful summary of the trend of achievement of Title I students in the State.

## Reading Achievement

### School Year Projects

This section discusses the reading achievement of the Title I participants in school year programs. Table 22 summarizes the Total Reading achievement for 20,125 students in grades 1-8, presenting pre-and post-grade equivalent means and the average gain rates achieved. All scores increased at post-test time, and the average monthly gain rates of seven of the eight grade levels were .8 or better in G.E. scores for each month in the program. This gain rate is slightly above the .7 monthly gain rate commonly established for educationally disadvantaged children.

In Table 23 the average gain rates are further classified into four categories: $\leq .7$ months per month, .8 to .99 months per month, 1.0 to 1.5 months per month, and $>1.5$ months per month. In grades 1 through 8, except grade 4 an overwhelming majority of students scored greater than .7 months in G.E. score per month in the program, with a substantial proportion of several grades achieving greater than 1.0 G.E. months for each month of participation. Figure 7 presents program gain rates graphically, comparing program gain rates for grades 1-8 to a national average rate and a gain rate cited for disadvantaged children.

Table 22

Reading Achievement - School Year Projects
Total Reading*

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 67 | 2,387 | .6 | 1.8 | 1.0 |
| 2 | 126 | 4,352 | 1.8 | 2.5 | .9 |
| 3 | 130 | 5,624 | 2.4 | 3.2 | .8 |
| 4 | 107 | 3,370 | 3.0 | 3.6 | .7 |
| 5 | 73 | 2,582 | 3.6 | 4.2 | .9 |
| 6 | 54 | 1,361 | 4.2 | 5.0 | .9 |
| 7 | 9 | 373 | 5.1 | 6.0 | .8 |
| 8 | 7 | 76 | 5.0 | 5.9 | 1.2 |

*Total Reading Scores are from the Gates-MacGinitie Reading Test, Iowa Test of Basic Skills, Durrell-Listening - Reading Series, Stanford Achievement Test, Wide Range Achievement Test, Lee-Clark Reading Readiness Test, Botel Reading Inventory, California Reading Test, Scholastic Diagnostic Test, Rutgers University Reading Center Test, Clymer-Barrett Reading Test, Primary Reading Profiles, and the Metropolitan Achievement Test.

**Figure 7: Gain Rates in Grade Equivalent Score-Total Reading, Grades 1-8 - School Year Programs**

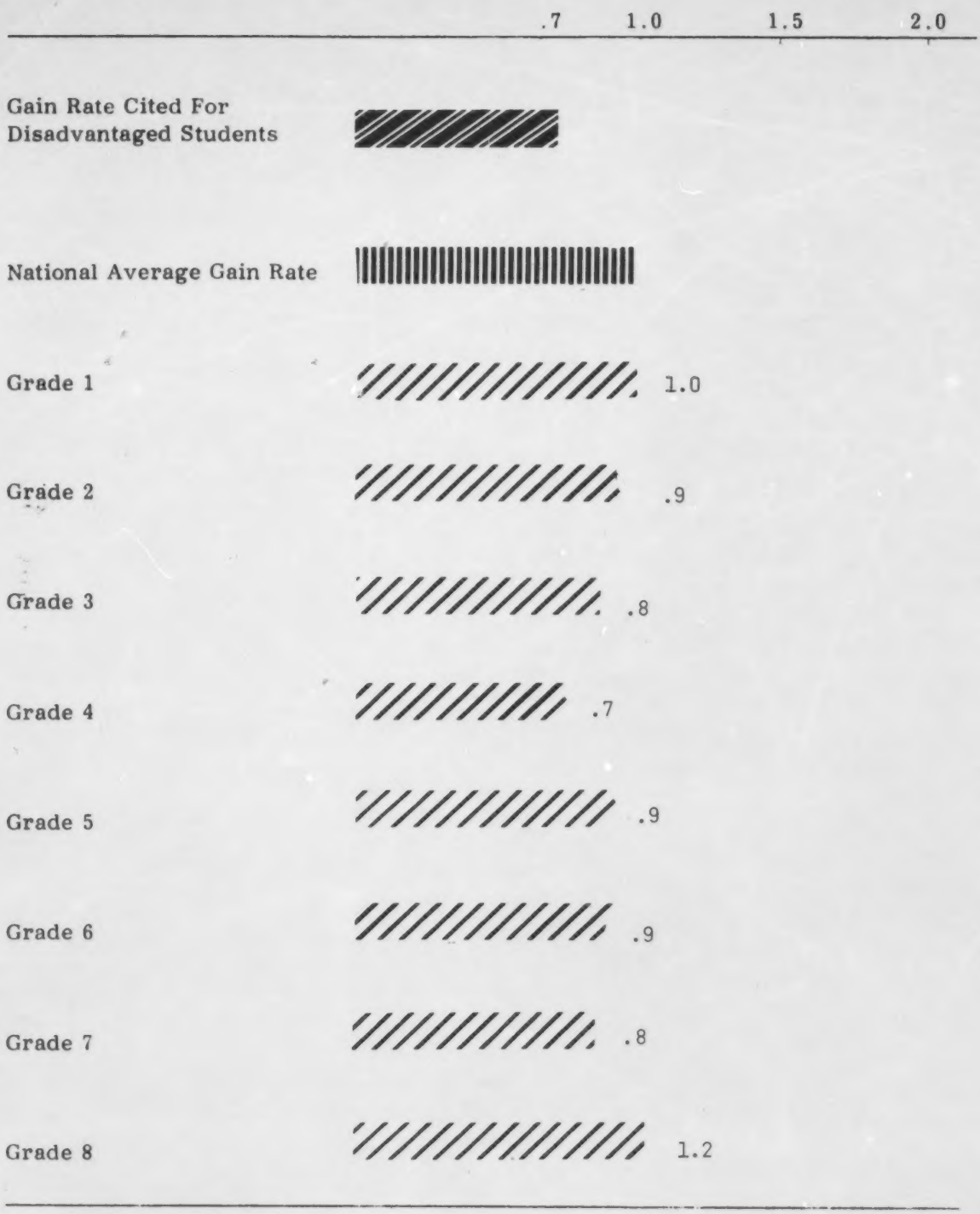


Table 23

Achievement Status (Monthly Gain Rates)
Reading School Year Programs

| Grade | Students With Mean Gain Rate ≤.7 Month Per Month | | Students With Mean Gain Rate .8 to 0.9 Month Per Month | | Students With Mean Gain Rate 1.0 to 1.5 Month Per Month | | Students With Mean Gain Rate >1.5 Month Per Month | |
|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| 1 | 626 | 26 | 722 | 30 | 498 | 21 | 541 | 23 |
| 2 | 1,358 | 31 | 515 | 12 | 1,871 | 43 | 608 | 14 |
| 3 | 3,136 | 56 | 302 | 5 | 1,732 | 31 | 454 | 8 |
| 4 | 1,500 | 45 | 984 | 29 | 509 | 15 | 377 | 11 |
| 5 | 679 | 26 | 901 | 35 | 720 | 28 | 282 | 11 |
| 6 | 469 | 34 | 107 | 8 | 636 | 47 | 149 | 11 |
| 7 | 199 | 53 | 14 | 4 | 54 | 14 | 22 | 29 |
| 8 | 14 | 18 | 12 | 16 | 28 | 37 | 0 | 0 |

## Reading Achievement

### Summer Projects

This section discusses the reading achievement of the Title I participants in summer programs. Table 24 summarizes the Total Reading achievement for 2,824 students in grades 1-8, presenting pre- and post-grade equivalent means and the average gain rates achieved. All scores increased at post-test time except in Grade 5, and the average monthly gain rates of seven of the eight grade levels exceded a month in G.E. score for each month in the program. These gains were apparently inflated, given the short interval between pre-and post-testing in summer programs. In the case of grade 5, the .6 lost is probably due to the statistical regression phenomenon. In Table 25, the average gain rates are further classified into four categories: $\leq$.7 months per month, .8 to .99 months per month, 1.0 to 1.5 months per month, and $>$1.5 months per month. In seven of the eight grade levels over 60% of the students achieved better than 1.0 months per month. Figure 8 presents program gain rates graphically, comparing program gain rates for grades 1-8 with the national average rate and the rate cited for disadvantaged students.

Table 24

Reading Achievement - Summer Projects
Total Reading*

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 34 | 491 | 1.7 | 2.0 | 1.8 |
| 2 | 41 | 657 | 2.2 | 2.6 | 1.4 |
| 3 | 38 | 659 | 2.7 | 3.1 | 1.3 |
| 4 | 27 | 400 | 3.4 | 3.8 | 1.4 |
| 5 | 19 | 265 | 4.3 | 4.0 | -.6 |
| 6 | 15 | 252 | 4.7 | 5.1 | 2.2 |
| 7 | 4 | 79 | 6.1 | 6.4 | 4.3 |
| 8 | 2 | 21 | 7.7 | 8.9 | 4.1 |

*Total Reading Scores are from the Gates-MacGinitie Reading Test, SRA Achievement Series, Iowa Test of Basic Skills, Stanford Achievement Test, Durrell Listening-Reading Series, Wide Range Achievement Test, Slosson Oral Reading Test, Doran Diagnostic Reading Test, California Achievement Test, Metropolitan Achievement Test, Clymer-Barrett Reading Test, Lee - Clark Reading Test, and Scholastic Diagnostic Test.

**Figure 8: Gain Rates in Grade Equivalent Score-Total Reading, Grades 1-8 - Summer Programs**

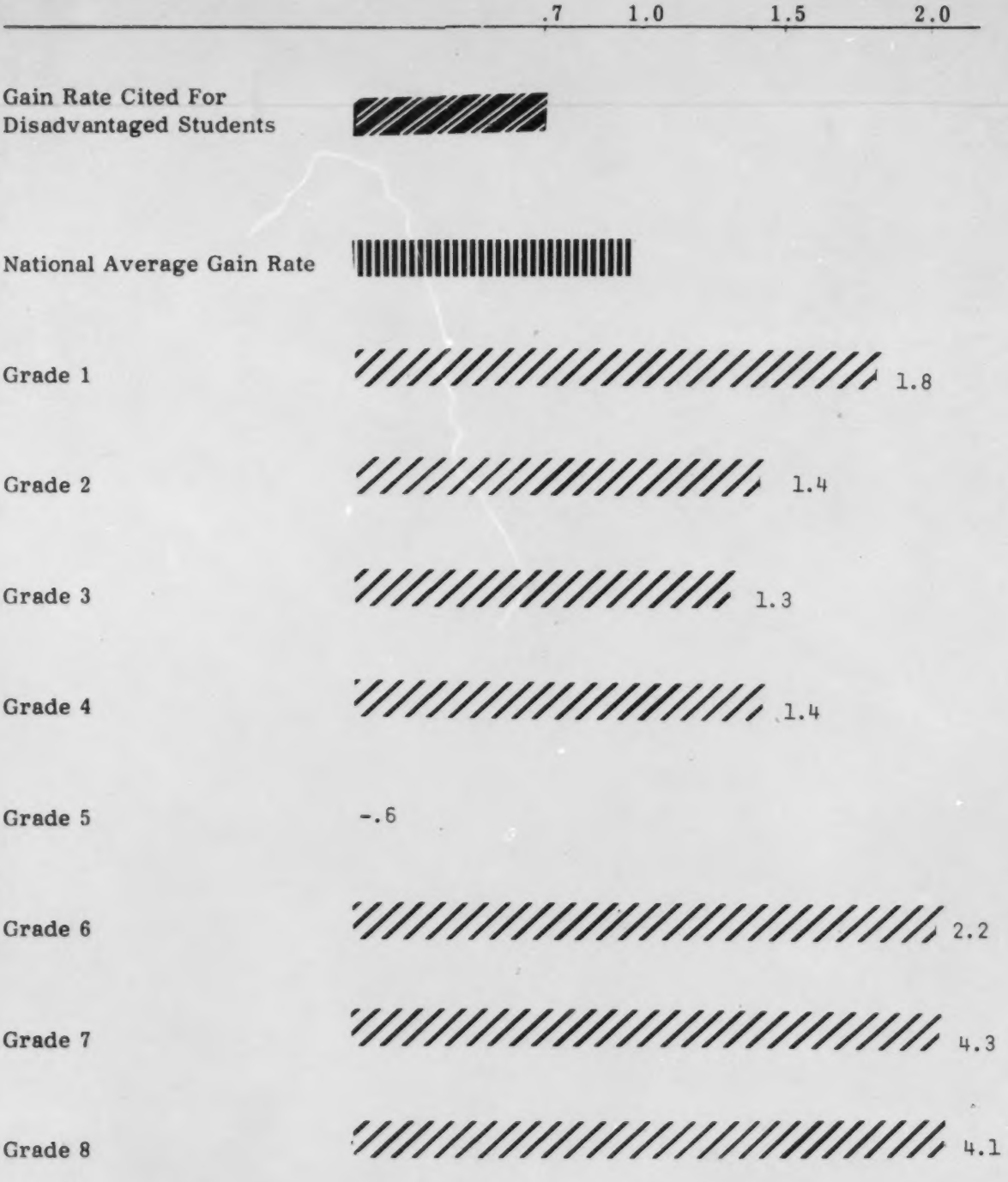


Table 25

Achievement Status (Monthly Gain Rates)
Reading Summer Programs

| Grade | Students With Mean Gain Rate ≤.7 Month Per Month | | Students With Mean Gain Rate .8 to 0.9 Month Per Month | | Students With Mean Gain Rate 1.0 to 1.5 Month Per Month | | Students With Mean Gain Rate >1.5 Month Per Month | |
|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| 1 | 137 | 28 | 10 | 2 | 38 | 8 | 306 | 62 |
| 2 | 279 | 42 | 16 | 2 | 101 | 15 | 261 | 40 |
| 3 | 325 | 49 | 0 | 0 | 123 | 19 | 211 | 32 |
| 4 | 245 | 61 | 0 | 0 | 65 | 16 | 90 | 23 |
| 5 | 165 | 62 | 41 | 15 | 36 | 14 | 23 | 9 |
| 6 | 136 | 54 | 0 | 0 | 54 | 21 | 62 | 25 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 79 | 100 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 100 |

## Arithmetic Achievement

### School Year Projects

The following discussion is based on the results of the arithmetic achievement of the Title I participants in school year programs. Table 26 summarizes the Total Arithmetic achievement for the 8,809 students in grades 1-8, presenting pre-and post-grade equivalent means and the average gain rates achieved. Except for grade 7, all scores increased at post-test time, and the average monthly gain rates in six out of the eight grades exceeded the national norm of 1 month's gain for each month in the program.

In Table 27 the average gain rates are further classified into four categories: $\leq .7$ months per month, .8 to .99 months per month, 1.0 to 1.5 months per month, and $\geq 1.5$ months per month. In grades 1 through 5 the overwhelming majority of students scored greater than 1.0 months in G. E. score per month in the program. Figure 9 presents program gain rates graphically, comparing program gain rates for grades 1-8 to projected rates for national norms and disadvantaged children. The large gains for grades 1-6 can readily be observed.

Table 26

Arithmetic Achievement - School Year Projects
Total Arithmetic Scores*

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 37 | 818 | 1.2 | 2.0 | 1.3 |
| 2 | 78 | 1,605 | 1.9 | 2.7 | 1.3 |
| 3 | 77 | 1,589 | 2.6 | 3.5 | 1.2 |
| 4 | 57 | 1,170 | 3.3 | 4.2 | 1.3 |
| 5 | 48 | 935 | 4.2 | 5.1 | 1.3 |
| 6 | 31 | 635 | 5.0 | 5.8 | 1.2 |
| 7 | 5 | 2,011 | 4.2 | 3.8 | -.2 |
| 8 | 4 | 46 | 6.2 | 6.7 | .7 |

*Total Arithmetic Scores are from the Wide Range Achievement Test, Stanford Achievement Test, Metropolitan Achievement Test, SRA Achievement Series, Iowa Test of Basic Skills, California Achievement Test, Wide Range Achievement Test, Bobbs-Merrill Achievement Test, and the Key Math Diagnostic Test.

Figure 9: Gain Rates in Grade Equivalent Score-Total Arithmetic
Grades 1-8 - School Year Programs

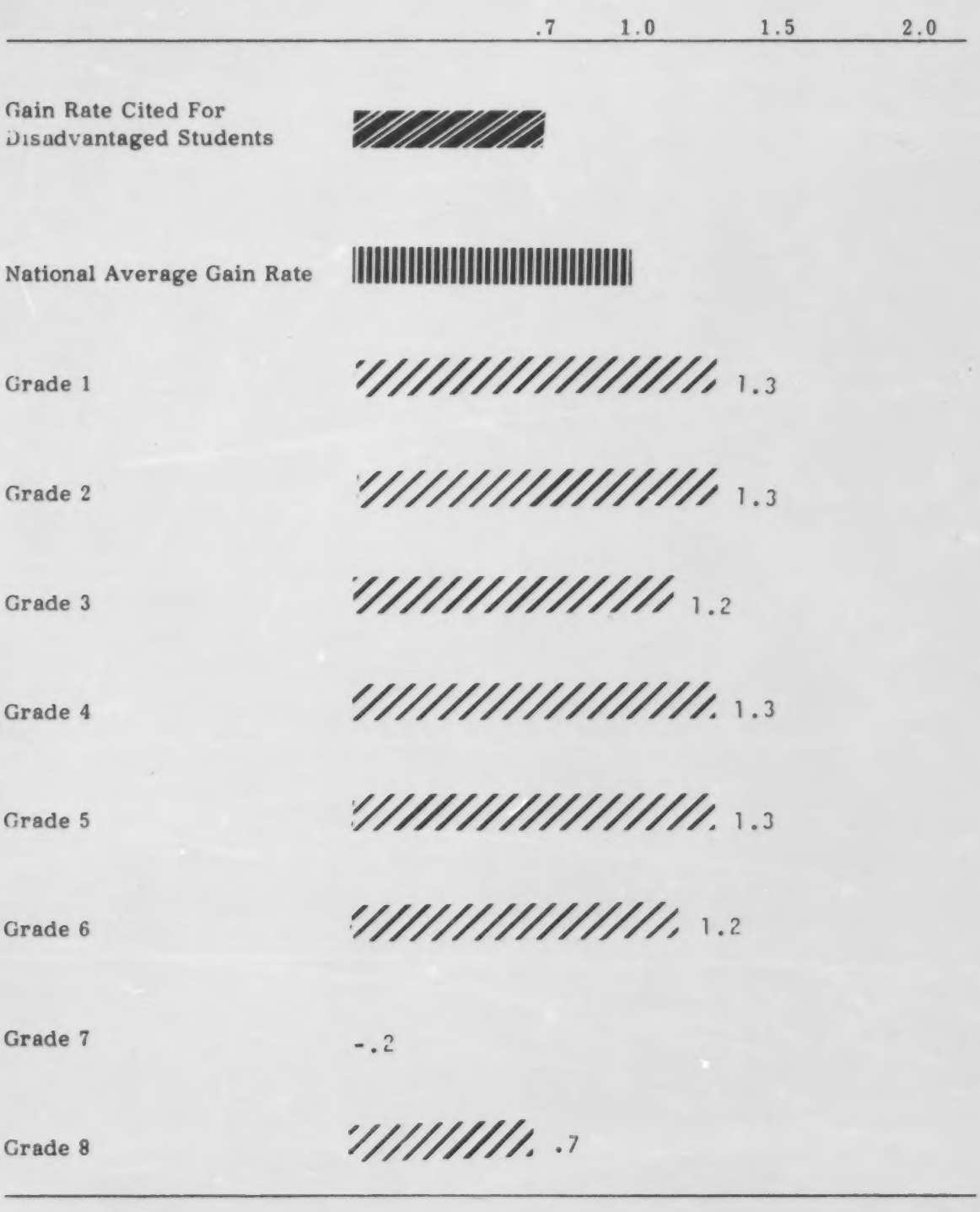


Table 27

Achievement Status (Monthly Gain Rates)
Arithmetic School Year Programs

| Grade | Students With Mean Gain Rate ≤.7 Month Per Month | | Students With Mean Gain Rate .8 to 0.9 Month Per Month | | Students With Mean Gain Rate 1.0 to 1.5 Month Per Month | | Students With Mean Gain Rate >1.5 Month Per Month | |
|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| 1 | 235 | 29 | 49 | 6 | 370 | 45 | 164 | 20 |
| 2 | 610 | 38 | 91 | 6 | 553 | 34 | 351 | 22 |
| 3 | 617 | 39 | 98 | 6 | 283 | 18 | 591 | 37 |
| 4 | 417 | 36 | 42 | 4 | 237 | 20 | 474 | 41 |
| 5 | 388 | 41 | 18 | 2 | 117 | 13 | 412 | 44 |
| 6 | 326 | 51 | 37 | 6 | 34 | 5 | 236 | 37 |
| 7 | 1,916 | 95 | 52 | 3 | 0 | 0 | 43 | 2 |
| 8 | 24 | 52 | 0 | 0 | 22 | 48 | 0 | 0 |

## Arithmetic Achievement

### Summer Projects

The results of the standardized arithmetic tests, administered to students enrolled in summer Title I programs, are discussed in the following narrative. Table 28 summarizes The Total Arithmetic achievement for 845 students in grades 1-6, presenting pre-and post-grade equivalent means and the average gain rates achieved. All scores increased at post-test time and the average monthly gain rates in grades 1-6 exceeded two months gain in G.E. score for each month in the program. Such large gains of this nature are due to the relatively short period of time between the pre-and post-tests. Standardized norm-reference tests are generally not sensitive enough to measure the impact of a 6 or 8-week summer mathematics program.

In Table 29 the average gain rates are further classified into four categories: $\leq .7$ months per month, .8 to .99 months per month, 1.0 to 1.5 months per month, and $>1.5$ months per month. In grades 1-6, a majority of the students demonstrated average gain rates greater than 1.0 months per month, with a significant proportion of students achieving gain rates greater than 1.5 months per month. As with the summer reading test results, these large gains are probably due to the phenomenon known as statistical regression. Figure 10 presents program gain rates graphically, comparing program gain rates for grades 1-6 to the national average rate and the rate cited for disadvantaged children.

Table 28

Arithmetic Achievement - Summer Projects
Total Arithmetic Scores*

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 11 | 163 | 1.5 | 2.1 | 3.0 |
| 2 | 12 | 259 | 1.9 | 2.4 | 2.0 |
| 3 | 12 | 238 | 2.9 | 3.5 | 3.4 |
| 4 | 7 | 84 | 3.9 | 4.5 | 3.2 |
| 5 | 5 | 68 | 4.9 | 5.5 | 4.1 |
| 6 | 3 | 33 | 4.9 | 6.1 | 7.4 |

*Total Arithmetic Scores are from the Metropolitan Achievement Test, Iowa Test of Basic Skills, Stanford Achievement Test, Wide Range Achievement Test, Bobbs-Merrill Arithmetic Achievement Test, California Achievement Test, and SRA Achievement Series.

Figure 10: Gain Rates in Grade Equivalent Score-Total Arithmetic
Grades 1-6 - Summer Programs

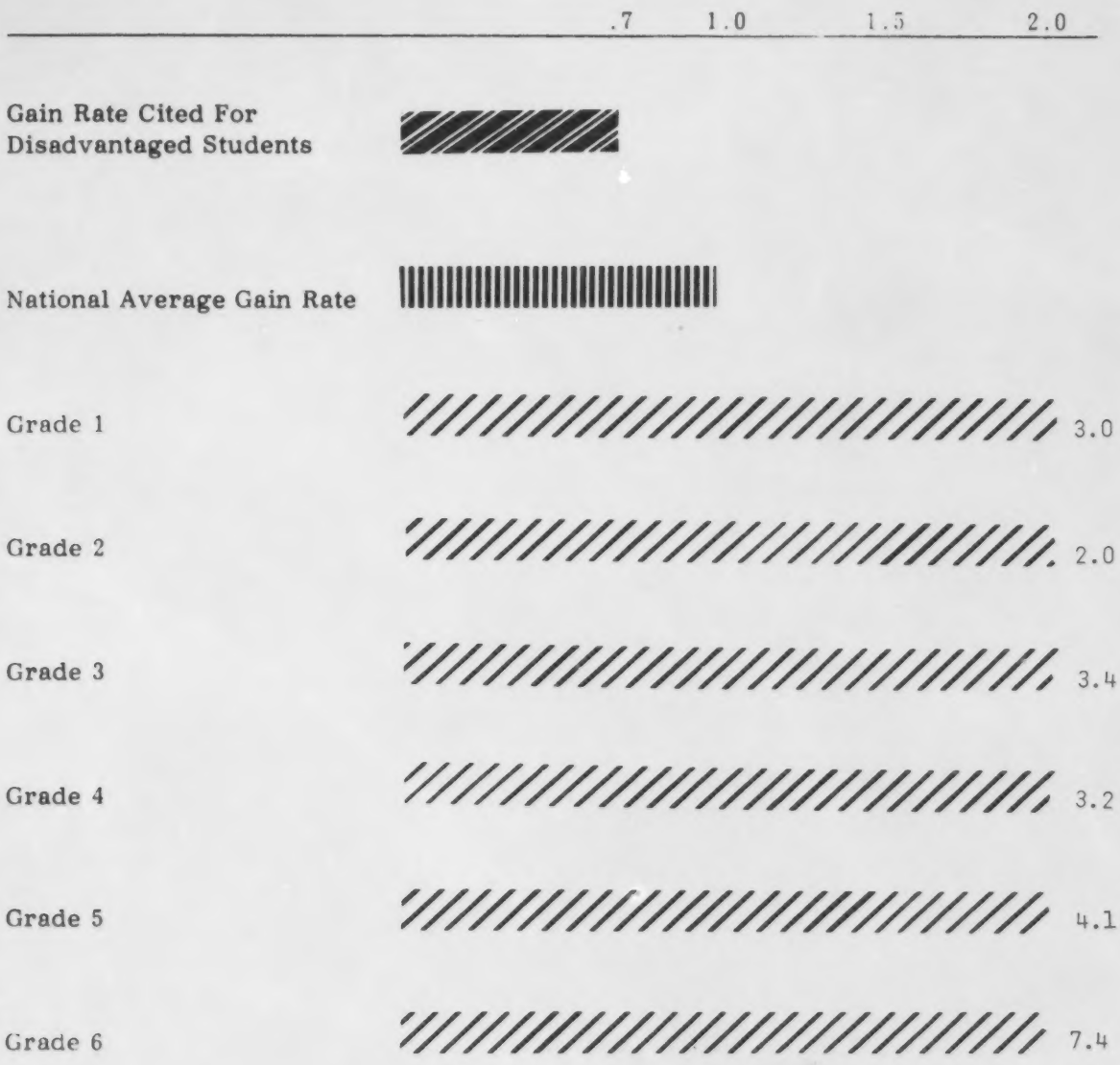


Table 29

Achievement Status (Monthly Gain Rates)
Arithmetic Summer Programs

| Grade | With Mean Gain Rate ≤.7 Month Per Month | | With Mean Gain Rate .8 to 0.9 Month Per Month | | With Mean Gain Rate 1.0 to 1.5 Month Per Month | | With Mean Gain Rate >1.5 Month Per Month | |
|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| 1 | 12 | 7 | 0 | 0 | 34 | 21 | 117 | 72 |
| 2 | 20 | 8 | 0 | 0 | 105 | 41 | 134 | 52 |
| 3 | 21 | 9 | 0 | 0 | 44 | 18 | 173 | 73 |
| 4 | 19 | 23 | 0 | 0 | 9 | 11 | 56 | 67 |
| 5 | 18 | 26 | 0 | 0 | 12 | 18 | 38 | 56 |
| 6 | 6 | 18 | 0 | 0 | 0 | 0 | 27 | 82 |

## Attendance Data

Since participation in summer projects is strictly voluntary, the effectiveness of a program can be measured to a certain extent by pupil attendance. For this reason, Title I directors of 1975 summer projects were asked to keep a record of pupil attendance. Using a rather simple formula, they calculated the average percentage of attendance in their programs by grade level. The formula follows:

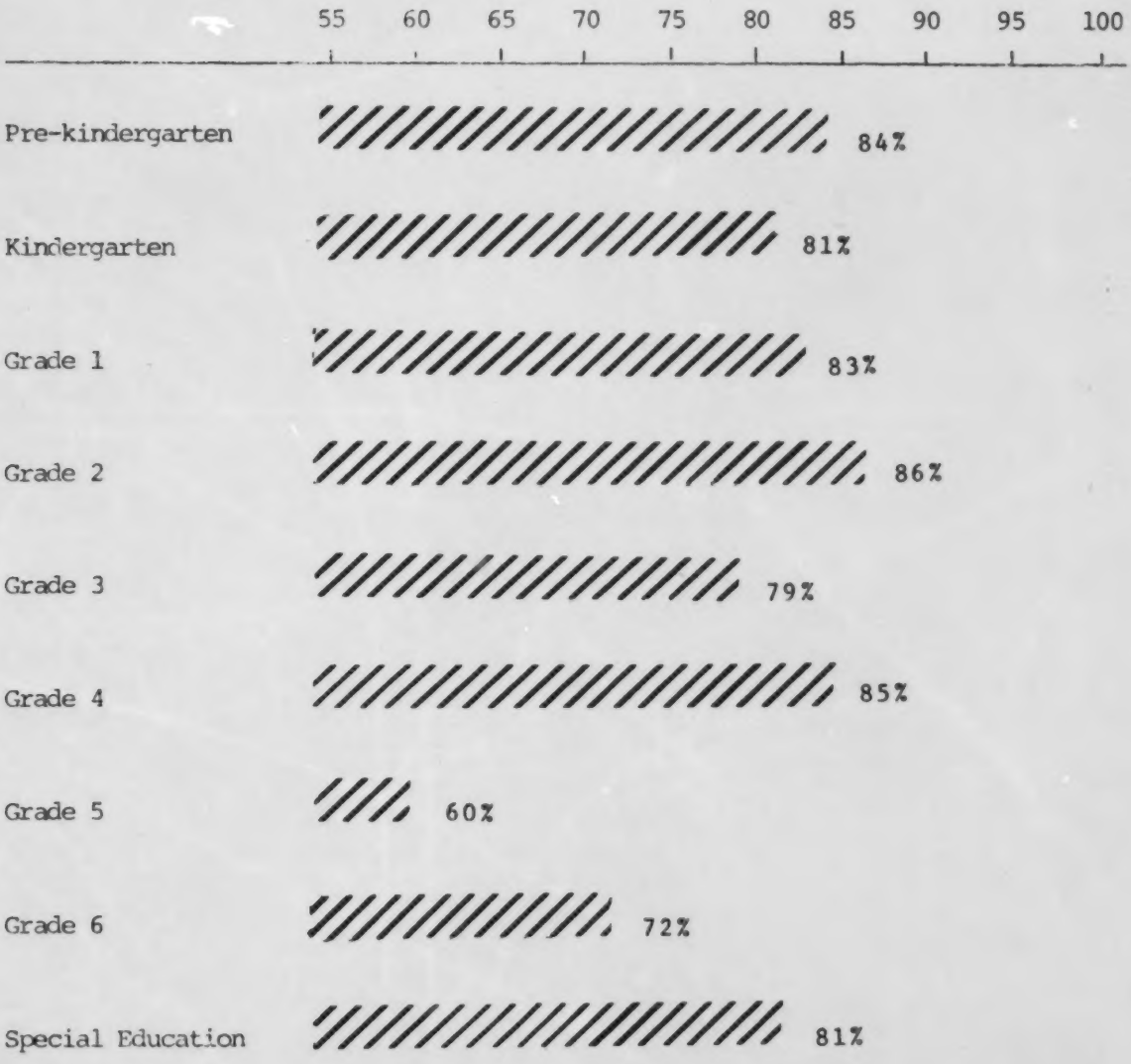
$$\frac{\text{Total Daily Attendance}}{\text{No. of Students X No. of Days Project Operated}} = ____ = ____\%$$

The percent of average attendance in grades pre-kindergarten - 6 is presented in Figure 11.

It is apparent from Figure 11 that the higher the grade level (except grade 4), the lower the average attendance in the summer programs. In general, the early childhood levels (kindergarten - grade 2) had the highest average attendance - better than 80%. The fifth grade programs the lowest - 60%.

Figure 11

Average Attendance in Title I Summer Programs*
Pre-kindergarten-Grade 6




*Total Number of Projects = 99

# APPENDIX

TABLE A - 1

Reading Achievement - School Year
Botel Reading Inventory
Word Recognition

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 2 | 12 | .15 | .65 | 1.25 |
| 2 | 1 | 41 | .30 | 2.10 | 2.00 |
| 3 | 1 | 28 | 2.00 | 3.00 | 1.11 |
| 4 | 1 | 34 | 2.90 | 3.70 | .89 |
| 5 | 1 | 17 | 3.70 | 4.10 | .80 |
| 6 | 1 | 15 | 4.20 | 4.50 | .60 |

TABLE A - 2

Reading Achievement - School Year
Botel Reading Inventory
Opposites

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 6 | .00 | .40 | 1.00 |
| 2 | 1 | 41 | .10 | 2.40 | 2.56 |
| 3 | 1 | 28 | 2.00 | 3.10 | 1.22 |
| 4 | 1 | 34 | 3.10 | 4.10 | 1.11 |
| 5 | 1 | 17 | 4.00 | 5.00 | 2.00 |

TABLE A - 3

Reading Achievement - School Year
Botel Reading Inventory
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 4 | 57 | .46 | .75 | 1.35 |
| 2 | 6 | 97 | 1.69 | 2.53 | 3.04 |
| 3 | 5 | 771 | 1.81 | 3.67 | .45 |
| 4 | 5 | 93 | 3.41 | 3.82 | 1.62 |
| 5 | 2 | 34 | 3.46 | 4.13 | .57 |
| 6 | 2 | 30 | 4.45 | 5.15 | .78 |

TABLE A - 4

Reading Achievement - School Year
Slosson Oral Reading Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 4 | 1 | 16 | 3.40 | 4.70 | .91 |

TABLE A - 5

Reading Achievement - School Year
California Achievement Test
Comprehension

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 5 | 96 | 1.24 | 1.80 | .55 |
| 2 | 12 | 352 | 1.78 | 2.68 | .73 |
| 3 | 14 | 288 | 2.60 | 3.64 | 1.39 |
| 4 | 7 | 160 | 2.97 | 4.18 | 1.70 |
| 5 | 4 | 94 | 3.65 | 4.69 | 1.50 |
| 6 | 6 | 86 | 4.06 | 5.17 | 1.73 |
| 7 | 1 | 50 | 5.40 | 6.50 | 1.38 |
| 8 | 2 | 23 | 5.90 | 6.64 | .99 |

TABLE A - 6

Reading Achievement - School Year
California Achievement Test
Vocabulary

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 6 | 130 | 1.54 | 2.08 | .54 |
| 2 | 9 | 293 | 1.87 | 2.70 | .75 |
| 3 | 10 | 229 | 2.85 | 3.65 | 1.01 |
| 4 | 6 | 153 | 3.13 | 4.15 | 1.46 |
| 5 | 3 | 84 | 3.96 | 4.62 | .94 |
| 6 | 3 | 80 | 4.89 | 5.72 | 1.04 |
| 7 | 1 | 50 | 5.20 | 7.10 | 2.38 |
| 8 | 1 | 20 | 5.10 | 6.70 | 2.00 |

TABLE A - 7

Reading Achievement - School Year
California Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 7 | 216 | 1.02 | 1.83 | .91 |
| 2 | 11 | 297 | 1.88 | 2.67 | .85 |
| 3 | 13 | 269 | 2.56 | 3.36 | 1.06 |
| 4 | 7 | 162 | 3.03 | 4.15 | 1.58 |
| 5 | 4 | 94 | 3.81 | 4.67 | 1.24 |
| 6 | 6 | 86 | 4.36 | 5.27 | 1.43 |
| 7 | 1 | 50 | 5.10 | 6.70 | 2.00 |
| 8 | 2 | 23 | 5.46 | 6.55 | 1.43 |

TABLE A - 8

Reading Achievement - School Year
California Achievement Test
Picture Association

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 34 | 1.20 | 2.00 | .11 |
| 2 | 1 | 62 | 1.80 | 2.89 | .16 |

TABLE A - 9

Reading Achievement - School Year
California Achievement Test
Reference Skills

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 34 | 1.20 | 1.65 | .06 |
| 2 | 1 | 62 | 1.60 | 2.77 | .17 |

TABLE A - 10

Reading Achievement - School Year
California Achievement Test
Interpretation

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 3 | 28 | 3.00 | 4.00 | .10 |

TABLE A - 11

Reading Achievement - School Year
California Achievement Test
Opposites

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 20 | 1.30 | 1.75 | 1.13 |

TABLE A - 12

Reading Achievement - School Year
Durrell Listening Reading Series
Vocabulary

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 5 | 82 | 2.75 | 2.84 | .09 |
| 3 | 4 | 46 | 3.11 | 3.73 | .14 |
| 4 | 4 | 32 | 3.46 | 3.95 | .11 |
| 5 | 4 | 14 | 3.85 | 4.68 | .30 |
| 6 | 4 | 25 | 4.30 | 4.70 | .14 |
| 7 | 1 | 24 | 4.85 | 5.95 | 1.38 |
| 8 | 1 | 7 | 5.84 | 6.86 | 1.28 |

TABLE A - 13

Reading Achievement - School Year
Durrell Listening Reading Series
Sentence Reading

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 4 | 55 | 2.44 | 2.71 | .08 |
| 3 | 2 | 32 | 2.80 | 3.55 | .15 |
| 4 | 2 | 22 | 3.15 | 4.30 | .19 |
| 5 | 2 | 8 | 3.30 | 4.50 | .20 |
| 6 | 2 | 20 | 3.80 | 4.80 | .17 |

TABLE A - 14

Reading Achievement - School Year
Durrell Listening Reading Series
Comprehension

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 3 | 30 | 2.74 | 3.47 | .24 |
| 4 | 2 | 10 | 3.80 | 3.70 | .10 |
| 5 | 2 | 6 | 4.80 | 4.45 | .18 |
| 6 | 2 | 5 | 5.08 | 5.78 | .35 |
| 7 | 1 | 24 | 4.33 | 5.90 | 1.96 |
| 8 | 1 | 6 | 4.95 | 6.22 | 1.59 |

TABLE A - 15

Reading Achievement - School Year
Durrell Listening Reading Series
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 6 | 1.70 | 2.40 | 1.75 |
| 2 | 4 | 55 | 2.41 | 2.71 | .08 |
| 3 | 4 | 46 | 3.03 | 3.63 | .16 |
| 4 | 4 | 32 | 3.37 | 3.92 | .11 |
| 5 | 4 | 14 | 3.76 | 4.58 | .23 |
| 6 | 3 | 15 | 3.73 | 4.35 | .22 |
| 7 | 1 | 24 | 4.77 | 6.03 | 1.58 |
| 8 | 1 | 6 | 5.55 | 6.75 | 1.50 |

TABLE A - 16

Reading Achievement - School Year
Durrell Listening Reading Series
Visual Memory

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 6 | 1.70 | 2.40 | 1.75 |
| 6 | 1 | 10 | 4.70 | 5.50 | .13 |

TABLE A - 17

Reading Achievement - School Year
Durrell Listening Reading Series
Spelling

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 7 | 1 | 24 | 6.19 | 6.08 | .01 |
| 8 | 1 | 6 | 6.15 | 6.80 | .81 |

TABLE A - 18

Reading Achievement - School Year
Gates MacGinitie Reading Test
Comprehension

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 21 | 455 | .76 | 1.51 | .52 |
| 2 | 28 | 3,873 | 1.48 | 77.97 | .35 |
| 3 | 23 | 691 | 2.22 | 3.11 | .90 |
| 4 | 19 | 4,464 | 2.88 | .43 | .04 |
| 5 | 13 | 314 | 3.22 | 4.19 | .74 |
| 6 | 12 | 264 | 3.82 | 4.92 | 1.03 |
| 7 | 3 | 72 | 5.30 | 6.01 | .87 |
| 8 | 1 | 3 | 3.70 | 4.10 | .07 |

TABLE A - 19

Reading Achievement - School Year
Gates MacGinitie Reading Test
Vocabulary

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 19 | 459 | .91 | 1.93 | .79 |

TABLE A - 20

Reading Achievement - School Year
Gates MacGinitie Reading Test
Vocabulary

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 28 | 902 | 1.60 | 2.64 | .71 |
| 3 | 24 | 724 | 2.45 | 3.48 | 1.02 |
| 4 | 18 | 1,873 | 4.15 | 1.58 | .23 |
| 5 | 13 | 1,799 | 3.75 | 1.35 | .10 |
| 6 | 13 | 267 | 4.42 | 5.02 | .64 |
| 7 | 3 | 72 | 5.55 | 6.34 | 1.30 |
| 8 | 1 | 3 | 4.20 | 4.90 | .10 |

TABLE A - 21

Reading Achievement - School Year
Gates MacGinitie Reading Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 12 | 234 | 1.03 | 1.98 | .87 |
| 2 | 17 | 309 | 1.59 | 2.58 | .90 |
| 3 | 13 | 208 | 2.35 | 3.34 | 1.19 |
| 4 | 10 | 177 | 3.04 | 3.82 | .53 |
| 5 | 6 | 150 | 3.58 | 3.94 | .10 |
| 6 | 6 | 141 | 4.44 | 5.18 | .78 |
| 7 | 2 | 68 | 5.42 | 6.24 | 1.17 |

TABLE A - 22

Reading Achievement - School Year
Gilmore Oral Reading
Comprehension

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 2 | 22 | 1.47 | 2.59 | .44 |
| 3 | 2 | 18 | 2.38 | 3.13 | .47 |
| 4 | 2 | 16 | 2.61 | 3.70 | .38 |
| 5 | 1 | 8 | 3.50 | 4.60 | .37 |
| 6 | 1 | 16 | 4.00 | 4.90 | 3.00 |

TABLE A - 23

Reading Achievement - School Year
Gilmore Oral Reading
Accuracy

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 2 | 22 | 1.81 | 2.73 | .55 |
| 3 | 2 | 18 | 2.53 | 3.44 | .74 |
| 4 | 2 | 16 | 2.96 | 4.04 | .38 |
| 5 | 1 | 8 | 4.90 | 5.60 | 2.33 |
| 6 | 1 | 16 | 5.20 | 5.50 | 1.00 |

TABLE A - 24

Reading Achievement - School Year
Iowa Test of Basic Skills
Vocabulary

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 80 | .80 | 1.70 | 1.13 |
| 2 | 3 | 147 | 1.42 | 2.23 | 1.03 |
| 3 | 7 | 189 | 2.32 | 3.29 | 1.78 |
| 4 | 5 | 85 | 3.36 | 4.19 | .78 |
| 5 | 3 | 69 | 4.06 | 4.69 | .32 |
| 6 | 1 | 32 | 4.65 | 5.30 | .08 |

TABLE A - 25

Reading Achievement - School Year
Iowa Test of Basic Skills
Word Analysis

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 2 | 140 | .95 | 1.90 | 1.19 |
| 3 | 1 | 65 | 1.90 | 3.00 | 1.38 |

TABLE A - 26

Reading Achievement - School Year
Iowa Test of Basic Skills
Comprehension

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 1 | 70 | 1.00 | 1.80 | 1.00 |
| 3 | 7 | 145 | 2.54 | 3.13 | 1.28 |
| 4 | 6 | 96 | 3.22 | 3.97 | .66 |
| 5 | 4 | 92 | 3.87 | 4.69 | .57 |
| 6 | 1 | 32 | 4.45 | 5.78 | .17 |

TABLE A - 27

Reading Achievement - School Year
Iowa Test of Basic Skills
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 3 | 93 | 1.00 | 1.79 | 1.08 |
| 2 | 6 | 191 | 1.42 | 2.16 | .85 |
| 3 | 10 | 245 | 2.40 | 3.15 | 1.35 |
| 4 | 11 | 151 | 3.30 | 3.95 | .70 |
| 5 | 8 | 157 | 3.97 | 4.66 | .78 |
| 6 | 3 | 64 | 4.36 | 5.37 | .93 |
| 7 | 1 | 126 | 5.50 | 6.30 | .07 |

TABLE A - 28

Reading Achievement - School Year
Lee Clark Reading Readiness Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 10 | .30 | 2.10 | 2.00 |
| 2 | 1 | 12 | 1.80 | 3.40 | 1.78 |

TABLE A - 29

Reading Achievement - School Year
Metropolitan Achievement Test
Reading

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 10 | 974 | .10 | 1.59 | .91 |
| 2 | 32 | 2,113 | 1.74 | 2.40 | .91 |
| 3 | 26 | 1,809 | 2.33 | 2.86 | .67 |
| 4 | 23 | 1,639 | 3.27 | 3.34 | .29 |
| 5 | 17 | 1,426 | 3.43 | 4.03 | 1.14 |
| 6 | 12 | 641 | 4.03 | 4.78 | 1.20 |
| 7 | 1 | 32 | 4.80 | 5.80 | 2.00 |
| 8 | 1 | 22 | 4.10 | 4.90 | 1.60 |

TABLE A - 30

Reading Achievement - School Year
Metropolitan Achievement Test
Word Knowledge

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 10 | 1,003 | .12 | 1.66 | 1.05 |
| 2 | 35 | 2,323 | 1.92 | 2.59 | .81 |
| 3 | 30 | 2,700 | 2.69 | 3.09 | .59 |
| 4 | 25 | 1,960 | 3.05 | 3.49 | .67 |
| 5 | 17 | 1,491 | 3.64 | 4.02 | .72 |
| 6 | 12 | 706 | 4.35 | 4.88 | .79 |
| 7 | 1 | 32 | 5.30 | 5.80 | 1.00 |
| 8 | 1 | 22 | 4.70 | 5.10 | .80 |

TABLE A - 31

Reading Achievement - School Year
Metropolitan Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 12 | 1,008 | .14 | 1.65 | 1.03 |
| 2 | 33 | 2,136 | 1.80 | 2.45 | .87 |
| 3 | 37 | 2,863 | 2.46 | 2.98 | .79 |
| 4 | 30 | 1,996 | 2.92 | 3.43 | .71 |
| 5 | 20 | 1,535 | 3.56 | 4.05 | .88 |
| 6 | 13 | 644 | 4.24 | 4.80 | .87 |
| 7 | 1 | 32 | 4.90 | 5.80 | 1.80 |
| 8 | 1 | 22 | 4.30 | 4.90 | 1.20 |

TABLE A - 32

Reading Achievement - School Year
Metropolitan Achievement Test
Word Analysis

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 6 | 80 | 1.18 | 2.09 | .59 |
| 2 | 24 | 920 | 1.83 | 2.64 | .69 |
| 3 | 11 | 405 | 2.34 | 3.21 | .19 |
| 4 | 2 | 103 | 2.81 | 3.49 | .97 |
| 5 | 2 | 142 | 3.30 | 4.50 | 1.72 |

TABLE A - 33

Reading Achievement - School Year
Metropolitan Achievement Test
Vocabulary

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 1 | 5 | 1.90 | 2.66 | .76 |
| 3 | 2 | 15 | 2.94 | 3.60 | .62 |
| 4 | 1 | 10 | 2.79 | 4.01 | 1.20 |
| 5 | 1 | 7 | 4.16 | 4.58 | .42 |

TABLE A - 34

Reading Achievement - School Year
Metropolitan Achievement Test
Comprehension

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 11 | 1.10 | 1.50 | .06 |
| 2 | 5 | 176 | 1.72 | 2.64 | .93 |
| 3 | 5 | 122 | 2.16 | 3.08 | .79 |
| 4 | 4 | 201 | 2.87 | 3.19 | .53 |
| 5 | 1 | 7 | 3.90 | 4.42 | .50 |

TABLE A - 35

Reading Achievement - School Year
Rutgers University Reading Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 1 | 68 | 2.94 | 3.29 | .54 |
| 4 | 1 | 46 | 3.37 | 3.48 | .16 |
| 5 | 1 | 6 | 4.51 | 4.63 | .16 |
| 6 | 1 | 5 | 5.05 | 5.60 | 11.00 |

TABLE A - 36

Reading Achievement - School Year
SRA Achievement Series
Comprehension

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 2 | 43 | 1.39 | 1.75 | 1.88 |
| 2 | 2 | 41 | 1.50 | 1.90 | 1.91 |
| 3 | 3 | 54 | 2.46 | 2.95 | 1.83 |
| 4 | 3 | 66 | 2.87 | 3.67 | 2.05 |
| 5 | 2 | 26 | 2.85 | 3.98 | 1.50 |

TABLE A - 37

Reading Achievement - School Year
SRA Achievement Series
Vocabulary

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 2 | 43 | 1.92 | 2.03 | 3.03 |
| 2 | 3 | 71 | 1.53 | 2.20 | 1.83 |
| 3 | 2 | 42 | 2.55 | 2.95 | 2.81 |
| 4 | 3 | 66 | 3.06 | 3.85 | 1.67 |
| 5 | 2 | 26 | 3.39 | 4.15 | .98 |
| 6 | 2 | 18 | 4.01 | 5.30 | 1.70 |

TABLE A - 38

Reading Achievement - School Year
SRA Achievement Series
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 3 | 51 | 1.55 | 1.96 | 1.02 |
| 2 | 6 | 189 | 1.56 | 2.57 | .76 |
| 3 | 6 | 146 | 2.43 | 3.20 | 1.02 |
| 4 | 4 | 72 | 2.90 | 3.67 | 1.47 |
| 5 | 3 | 35 | 2.97 | 4.15 | 1.44 |
| 6 | 3 | 27 | 3.84 | 5.65 | 2.15 |

TABLE A - 39

Reading Achievement - School Year
SRA Achievement Series
Reading

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 2 | 43 | 1.49 | 2.04 | 1.45 |
| 2 | 3 | 69 | 1.81 | 2.54 | .91 |
| 3 | 2 | 40 | 2.46 | 2.84 | .63 |
| 4 | 1 | 24 | 3.34 | 3.54 | .40 |

TABLE A - 40

Reading Achievement - School Year
Stanford Achievement Test
Study Skill

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 6 | 152 | 1.06 | 1.81 | .51 |
| 2 | 25 | 711 | 1.84 | 3.59 | .47 |
| 3 | 23 | 525 | 2.44 | 3.52 | .31 |
| 4 | 16 | 354 | 2.84 | 3.80 | .45 |
| 5 | 10 | 238 | 3.00 | 4.36 | .34 |
| 6 | 4 | 66 | 3.39 | 5.36 | .06 |

TABLE A - 41

Reading Achievement - School Year
Stanford Achievement Test
Vocabulary

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 6 | 152 | .91 | 1.76 | .41 |
| 2 | 16 | 477 | 1.37 | 2.36 | .52 |
| 3 | 17 | 471 | 2.24 | 3.22 | .36 |
| 4 | 14 | 314 | 2.90 | 3.88 | .38 |
| 5 | 7 | 227 | 3.37 | 4.53 | .35 |
| 6 | 3 | 61 | 4.26 | 5.51 | .01 |
| 10 | 1 | 16 | 7.10 | 7.48 | .05 |
| 11 | 1 | 14 | 7.01 | 7.82 | .10 |

TABLE A - 42

Reading Achievement - School Year
Stanford Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 7 | 195 | 1.00 | 3.28 | .86 |
| 2 | 24 | 555 | 1.67 | 2.55 | .76 |
| 3 | 25 | 591 | 2.23 | 3.28 | .46 |
| 4 | 20 | 377 | 2.76 | 3.72 | .47 |
| 5 | 13 | 309 | 3.28 | 4.58 | .64 |
| 6 | 7 | 140 | 3.91 | 5.55 | .42 |
| 10 | 1 | 20 | 6.25 | 7.52 | .12 |
| 11 | 1 | 18 | 6.90 | 7.80 | .11 |
| 12 | 1 | 11 | 8.70 | 10.60 | .48 |

TABLE A - 43

Reading Achievement - School Year
Stanford Achievement Test
Reading

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 5 | 71 | .54 | 1.57 | .65 |
| 2 | 16 | 488 | 1.46 | 2.40 | .51 |
| 3 | 15 | 449 | 2.11 | 2.88 | .38 |
| 4 | 15 | 307 | 2.66 | 3.57 | .30 |
| 5 | 9 | 244 | 3.03 | 4.33 | .43 |
| 6 | 3 | 61 | 3.58 | 5.21 | .02 |
| 9 | 1 | 18 | 5.94 | 7.25 | .16 |
| 10 | 1 | 23 | 6.87 | 8.08 | .15 |
| 11 | 1 | 22 | 6.80 | 7.80 | .13 |
| 12 | 1 | 11 | 8.70 | 10.60 | .48 |

TABLE A - 44

Reading Achievement - School Year
Stanford Achievement Test
Paragraph Meaning

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 2 | 62 | .70 | 1.52 | .75 |
| 2 | 7 | 141 | 1.71 | 2.50 | .92 |
| 3 | 6 | 85 | 2.68 | 3.37 | .37 |

TABLE A - 45

Reading Achievement - School Year
Stanford Achievement Test
Paragraph Meaning

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 4 | 3 | 18 | 2.44 | 3.40 | 1.37 |
| 5 | 3 | 44 | 4.24 | 4.77 | .95 |
| 6 | 1 | 5 | 4.20 | 5.00 | .67 |

TABLE A - 46

Reading Achievement - School Year
Gates-mackillop Reading Test
Oral Reading

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 27 | 2.10 | 2.00 | .00 |
| 2 | 1 | 135 | 2.20 | 3.10 | .00 |

TABLE A - 47

Reading Achievement - School Year
Gates-mackillop Reading Test
Oral Vocabulary

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 108 | 2.50 | 3.50 | .00 |
| 2 | 1 | 175 | 3.00 | 3.70 | .00 |

TABLE A - 48

Reading Achievement - School Year
Peabody Individual Achievement Test
Recognition

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 1 | 1 | 2.40 | 3.30 | 1.13 |

TABLE A - 49

Reading Achievement - School Year
Peabody Individual Achievement Test
Math

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 79 | .50 | 1.10 | .09 |
| 2 | 1 | 50 | 1.20 | 2.20 | .14 |
| 3 | 1 | 37 | 2.00 | 2.90 | .13 |
| 4 | 1 | 42 | 2.50 | 3.40 | .13 |
| 5 | 1 | 6 | 4.50 | 6.00 | 2.14 |
| 7 | 1 | 3 | 7.20 | 9.40 | 2.75 |
| 8 | 1 | 4 | 7.10 | 9.30 | 2.75 |

TABLE A - 50

Reading Achievement - School Year
Peabody Individual Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 2 | 1.45 | 2.50 | 1.91 |
| 3 | 1 | 2 | 2.55 | 5.30 | 3.38 |
| 4 | 1 | 5 | 4.00 | 5.70 | 2.24 |
| 5 | 1 | 7 | 3.50 | 5.40 | 3.11 |
| 6 | 1 | 1 | 3.90 | 6.00 | 2.63 |
| 8 | 1 | 2 | 6.30 | 9.00 | 3.38 |

TABLE A - 51

Reading Achievement - School Year
Slosson Oral Reading Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 2 | 59 | .91 | 1.20 | 2.44 |
| 2 | 1 | 18 | 2.22 | 3.13 | 6.07 |
| 3 | 1 | 13 | 3.58 | 4.30 | 4.80 |
| 4 | 1 | 16 | 3.22 | 3.56 | 2.27 |
| 5 | 1 | 17 | 4.89 | 5.45 | 3.73 |
| 6 | 1 | 11 | 5.95 | 5.98 | .20 |

TABLE A - 52

Reading Achievement - School Year
Stanford Diagnostic Reading Test
Comprehension

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 4 | 194 | 2.26 | 2.85 | .13 |
| 4 | 5 | 146 | 2.79 | 3.43 | .73 |
| 5 | 2 | 13 | 3.40 | 4.48 | .68 |
| 6 | 1 | 2 | 3.70 | 3.30 | .00 |

TABLE A - 53

Reading Achievement - School Year
Stanford Diagnostic Reading Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 1 | 113 | 2.21 | 2.97 | 1.22 |
| 4 | 1 | 27 | 2.90 | 3.30 | .07 |
| 5 | 2 | 98 | 3.37 | 4.18 | .93 |
| 6 | 2 | 86 | 3.87 | 4.64 | .72 |
| 7 | 2 | 54 | 4.24 | 5.00 | .11 |
| 8 | 2 | 23 | 4.80 | 5.74 | .54 |

TABLE A - 54

Reading Achievement - School Year
Woodcock Reading Mastery Test
Letter Identification

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 8 | 286 | 1.54 | 2.04 | 1.44 |
| 2 | 9 | 309 | 2.21 | 2.72 | 1.15 |
| 3 | 7 | 202 | 4.17 | 5.48 | 6.45 |
| 4 | 4 | 62 | 4.46 | 5.05 | 3.14 |
| 5 | 4 | 59 | 5.92 | 6.92 | 2.70 |
| 6 | 2 | 58 | 6.36 | 6.60 | 1.55 |
| K | 3 | 100 | 1.10 | 1.24 | .36 |

TABLE A - 55

Reading Achievement - School Year
Woodcock Reading Mastery Test
Word Identification

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 7 | 275 | 1.28 | 1.63 | .49 |
| 2 | 7 | 228 | 1.89 | 2.28 | .60 |
| 3 | 7 | 237 | 2.55 | 3.17 | 1.41 |
| 4 | 4 | 83 | 3.31 | 3.65 | .30 |
| 5 | 3 | 41 | 4.16 | 4.51 | 1.00 |
| 6 | 1 | 40 | 4.30 | 5.30 | .14 |
| K | 1 | 42 | 1.00 | 1.00 | .00 |

TABLE A -56

Reading Achievement - School Year
Woodcock Reading Mastery Test
Word Attack

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 7 | 276 | 1.44 | 1.96 | 1.22 |
| 2 | 9 | 304 | 2.08 | 2.92 | 1.42 |
| 3 | 9 | 258 | 2.77 | 3.98 | 3.29 |
| 4 | 6 | 96 | 3.34 | 4.23 | 1.30 |
| 5 | 5 | 66 | 4.60 | 5.96 | 6.40 |
| 6 | 3 | 65 | 4.33 | 5.80 | 3.67 |
| K | 2 | 71 | 1.20 | 1.19 | .00 |

TABLE A - 57

Reading Achievement - School Year
Woodcock Reading Mastery Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 8 | 272 | 1.28 | 1.67 | 1.04 |
| 2 | 10 | 282 | 1.89 | 2.52 | 1.13 |
| 3 | 9 | 260 | 2.72 | 3.39 | 1.53 |
| 4 | 5 | 87 | 3.18 | 3.84 | .88 |
| 5 | 4 | 64 | 4.25 | 4.92 | 2.47 |
| 6 | 3 | 65 | 4.76 | 5.29 | .88 |
| K | 2 | 54 | 1.07 | 1.14 | .06 |

TABLE A - 58

Reading Achievement - School Year
Woodcock Reading Mastery Test
Passage Comprehension

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 7 | 276 | 1.39 | 1.77 | .92 |
| 2 | 9 | 303 | 1.98 | 2.53 | .93 |
| 3 | 9 | 294 | 2.60 | 3.37 | 1.31 |
| 4 | 7 | 123 | 3.15 | 3.82 | 1.01 |
| 5 | 5 | 66 | 4.27 | 5.10 | 4.24 |
| 6 | 3 | 65 | 4.54 | 5.36 | 1.65 |
| K | 2 | 71 | 1.10 | 1.10 | 00 |

TABLE A - 59

Reading Achievement - School Year
Woodcock Reading Mastery Test
Word Comprehension

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 6 | 265 | 1.30 | 1.49 | .40 |
| 2 | 8 | 286 | 1.76 | 2.55 | 1.49 |
| 3 | 7 | 201 | 2.78 | 3.25 | 1.86 |
| 4 | 4 | 63 | 3.25 | 3.78 | 1.52 |
| 5 | 4 | 48 | 4.01 | 4.85 | 2.80 |
| 6 | 1 | 40 | 4.60 | 4.60 | .00 |
| K | 2 | 71 | 1.20 | 1.19 | .00 |

TABLE A - 60

Reading Achievement - School Year
Gray Oral Reading Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 10 | 1.60 | 2.10 | 1.25 |
| 2 | 1 | 2 | 1.80 | 2.10 | .75 |

TABLE A - 61

Reading Achievement - School Year
America School Achievement
Word Meaning

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 4 | 1 | 24 | 2.50 | 3.50 | 1.25 |
| 5 | 1 | 16 | 3.10 | 4.50 | 1.75 |
| 6 | 1 | 16 | 3.40 | 4.30 | 1.13 |

TABLE A - 62

Reading Achievement - School Year
America School Achievement
Paragraph Meaning

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 4 | 1 | 24 | 2.50 | 3.00 | .63 |
| 5 | 1 | 16 | 2.80 | 3.80 | 1.25 |
| 6 | 1 | 16 | 2.80 | 3.40 | .75 |

TABLE A - 63

Reading Achievement - School Year
America School Achievement
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 4 | 1 | 24 | 2.50 | 3.30 | 1.00 |
| 5 | 1 | 16 | 3.00 | 4.20 | 1.50 |
| 6 | 1 | 16 | 3.10 | 3.90 | 1.00 |

TABLE A - 64

Reading Achievement - School Year
Lippincott Basic Reading Test
Vocabulary

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 43 | .70 | .80 | .50 |
| 2 | 1 | 30 | 1.20 | 1.30 | .50 |
| 3 | 1 | 37 | 2.10 | 2.40 | 1.50 |

TABLE A - 65

Reading Achievement - School Year
Lippincott Basic Reading Test
Lang

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 43 | .80 | 1.10 | 1.50 |
| 2 | 1 | 30 | 1.10 | 1.40 | 1.50 |
| 3 | 1 | 37 | 2.30 | 2.50 | 1.00 |

TABLE A - 66

Reading Achievement - School Year
Lippincott Basic Reading Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 43 | .70 | .90 | 1.00 |
| 2 | 1 | 30 | 1.10 | 1.30 | 1.00 |
| 3 | 1 | 37 | 2.10 | 2.30 | 1.00 |

TABLE A - 67

Reading Achievement - School Year
Houghton Mifflin Basic Reading Test
Comprehension

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 3 | 170 | .52 | 1.52 | 1.25 |
| 2 | 2 | 20 | 1.40 | 2.50 | .55 |
| 3 | 1 | 18 | 2.40 | 3.10 | .10 |
| 4 | 1 | 14 | 2.50 | 3.40 | .13 |

TABLE A - 68

Reading Achievement - School Year
Houghton Mifflin Basic Reading Test
Word Recognition

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 1 | 10 | 2.20 | 2.90 | 1.00 |
| 3 | 1 | 18 | 2.40 | 3.40 | .14 |
| 4 | 1 | 14 | 3.10 | 3.70 | .09 |

TABLE A - 69

Reading Achievement - School Year
Houghton Mifflin Basic Reading Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 80 | .60 | 1.60 | .13 |

TABLE A - 70

Reading Achievement - School Year
Houghton Mifflin Basic Reading Test
Word Attack

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 1 | 10 | 2.20 | 2.70 | .71 |
| 3 | 1 | 18 | 2.60 | 3.60 | .14 |
| 4 | 1 | 14 | 2.90 | 3.50 | .09 |

TABLE A - 71

Reading Achievement - School Year
Scott-Foreman-Early Primary Survey Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 22 | .60 | .70 | .50 |
| 2 | 1 | 18 | 2.00 | 2.00 | .00 |
| 3 | 1 | 32 | 3.10 | 3.30 | 1.00 |
| 4 | 1 | 21 | 3.50 | 3.60 | .50 |

TABLE A - 72

Reading Achievement - School Year
Comprehensive Tests of Basic Skill
Vocabulary

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 1 | 49 | 1.80 | 2.60 | .11 |
| 4 | 4 | 68 | 3.04 | 4.15 | .41 |
| 5 | 2 | 24 | 3.86 | 4.32 | .05 |
| 6 | 1 | 14 | 3.70 | 4.47 | .08 |

TABLE A - 73

Reading Achievement - School Year
Comprehensive Tests of Basic Skill
Comprehensive

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 1 | 10 | 1.10 | 2.00 | .11 |
| 3 | 2 | 67 | 2.10 | 2.65 | .08 |
| 4 | 5 | 84 | 2.95 | 4.15 | .45 |
| 5 | 3 | 46 | 3.60 | 4.28 | .08 |
| 6 | 2 | 30 | 3.63 | 4.06 | .47 |
| 7 | 1 | 19 | 4.30 | 4.90 | .08 |

TABLE A - 74

Reading Achievement - School Year
Comprehensive Tests of Basic Skill
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 3 | 48 | 1.35 | 2.10 | .10 |
| 3 | 3 | 73 | 1.67 | 2.30 | .08 |
| 4 | 5 | 84 | 2.94 | 3.90 | .40 |
| 5 | 3 | 46 | 3.54 | 4.43 | .10 |
| 6 | 2 | 30 | 3.72 | 4.39 | .08 |
| 7 | 1 | 19 | 4.20 | 5.10 | .11 |

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Reading Achievement - School Year
California Achievement Test
Computation

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 5 | 53 | 1.18 | 1.78 | 1.32 |
| 2 | 8 | 289 | 1.92 | 2.53 | 1.96 |
| 3 | 6 | 304 | 2.77 | 3.54 | 1.89 |
| 4 | 7 | 343 | 3.55 | 4.23 | 1.91 |
| 5 | 5 | 280 | 4.51 | 5.25 | 2.07 |
| 6 | 3 | 148 | 5.27 | 6.01 | 2.62 |
| 7 | 1 | 17 | 4.70 | 6.10 | 2.80 |
| 8 | 1 | 20 | 5.70 | 6.20 | 1.00 |
| 9 | 2 | 68 | 5.96 | 6.82 | 1.13 |
| 10 | 2 | 112 | 6.96 | 7.80 | 1.08 |
| 11 | 2 | 118 | 7.93 | 8.06 | .17 |
| 12 | 2 | 90 | 7.95 | 8.38 | .56 |

TABLE A - 76

Reading Achievement - School Year
California Achievement Test
Concepts and Problems

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 11 | 1.60 | 1.80 | 2.00 |
| 2 | 5 | 268 | 1.93 | 2.77 | 2.28 |
| 3 | 5 | 288 | 2.72 | 3.43 | 1.83 |
| 4 | 6 | 343 | 3.33 | 4.07 | 2.01 |
| 5 | 4 | 275 | 4.26 | 5.08 | 2.17 |
| 6 | 3 | 145 | 5.31 | 6.15 | 2.79 |
| 7 | 1 | 17 | 3.80 | 4.80 | 2.00 |
| 8 | 1 | 20 | 4.30 | 5.40 | 2.20 |
| 9 | 2 | 66 | 5.66 | 6.76 | .47 |

TABLE A - 77

Reading Achievement - School Year
California Achievement Test
Concepts and Problems

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 10 | 1 | 16 | 6.30 | 7.10 | 1.14 |
| 11 | 2 | 116 | 7.65 | 8.10 | .57 |
| 12 | 2 | 85 | 7.84 | 8.29 | .53 |

TABLE A - 78

Reading Achievement - School Year
California Achievement Test
Reasoning

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 3 | 39 | 1.23 | 1.61 | .53 |
| 2 | 2 | 16 | 1.45 | 2.05 | .52 |
| 4 | 1 | 16 | 2.60 | 2.80 | 1.00 |

TABLE A - 79

Reading Achievement - School Year
California Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 5 | 160 | .44 | 1.88 | 1.60 |
| 2 | 9 | 331 | 1.87 | 2.59 | 1.74 |
| 3 | 9 | 357 | 2.68 | 3.50 | 1.93 |
| 4 | 8 | 351 | 3.46 | 4.24 | 2.17 |
| 5 | 5 | 277 | 4.42 | 5.15 | 1.98 |
| 6 | 3 | 145 | 5.33 | 6.04 | 2.46 |
| 7 | 1 | 17 | 4.40 | 5.70 | 2.60 |
| 8 | 1 | 20 | 5.30 | 6.00 | 1.40 |
| 9 | 2 | 66 | 5.93 | 6.88 | 1.13 |
| 10 | 2 | 112 | 6.67 | 7.50 | 1.06 |
| 11 | 2 | 116 | 7.74 | 8.07 | .42 |
| 12 | 2 | 85 | 7.85 | 8.34 | .63 |

TABLE A - 80

Reading Achievement - School Year
Stanford Diagnostic Test
Concepts

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 5 | 2 | 10 | 3.20 | 3.90 | 1.36 |

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Reading Achievement - School Year
Stanford Diagnostic Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 11 | 1.74 | 1.89 | 1.00 |
| 2 | 1 | 14 | 2.86 | 2.92 | .04 |
| 3 | 1 | 10 | 3.50 | 3.70 | 1.33 |
| 4 | 1 | 12 | 4.50 | 4.80 | 2.00 |
| 5 | 3 | 17 | 4.42 | 4.79 | 1.27 |
| 6 | 1 | 2 | 6.50 | 6.10 | 2.00 |

TABLE A - 82

Reading Achievement - School Year
Metropolitan Achievement Test
Computation

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 4 | 80 | 1.32 | 2.12 | 1.37 |
| 2 | 13 | 238 | 2.14 | 2.64 | 1.81 |
| 3 | 20 | 408 | 2.54 | 3.42 | 1.33 |
| 4 | 17 | 449 | 3.17 | 4.33 | 1.09 |
| 5 | 13 | 307 | 4.47 | 5.50 | .59 |
| 6 | 9 | 184 | 4.86 | 5.75 | .18 |
| 7 | 1 | 21 | 4.40 | 5.20 | 8.00 |
| 8 | 1 | 6 | 4.70 | 5.70 | 10.00 |

TABLE A - 83

Reading Achievement - School Year
Metropolitan Achievement Test
Concepts

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 14 | 1.85 | 2.01 | 1.07 |
| 2 | 7 | 110 | 2.04 | 2.74 | 3.59 |
| 3 | 17 | 371 | 2.46 | 3.23 | .60 |
| 4 | 10 | 262 | 2.75 | 3.91 | .94 |
| 5 | 6 | 157 | 3.76 | 5.21 | .77 |
| 6 | 4 | 93 | 4.05 | 5.30 | .28 |

TABLE A - 84

Reading Achievement - School Year
Metropolitan Achievement Test
Problem Solving

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 3 | 38 | 1.82 | 2.90 | 3.90 |
| 3 | 12 | 256 | 2.30 | 3.07 | .47 |
| 4 | 8 | 205 | 2.81 | 3.84 | .74 |
| 5 | 5 | 144 | 3.46 | 5.15 | .77 |
| 6 | 2 | 45 | 3.76 | 5.18 | .33 |

TABLE A - 85

Reading Achievement - School Year
Metropolitan Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 4 | 75 | 1.56 | 2.01 | 4.27 |
| 2 | 16 | 350 | 1.71 | 2.60 | .99 |
| 3 | 15 | 318 | 2.36 | 3.31 | .78 |
| 4 | 9 | 258 | 2.74 | 3.97 | .77 |
| 5 | 6 | 205 | 4.01 | 4.90 | .58 |
| 6 | 3 | 82 | 4.91 | 5.72 | .17 |

TABLE A - 86

Reading Achievement - School Year
S R A Achievement Series
Computation

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 24 | 1.41 | 1.45 | .08 |
| 2 | 3 | 45 | 2.22 | 2.56 | .54 |
| 3 | 3 | 60 | 3.17 | 3.39 | .18 |
| 4 | 2 | 35 | 3.65 | 4.12 | .82 |
| 5 | 1 | 1 | 3.40 | 5.90 | .31 |
| 6 | 1 | 6 | 4.20 | 5.50 | .18 |

TABLE A -87

Reading Achievement - School Year
S R A Achievement Series
Concepts

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 1 | 15 | 2.50 | 2.70 | .29 |
| 3 | 1 | 26 | 2.70 | 3.50 | 1.14 |
| 4 | 1 | 12 | 3.40 | 4.10 | 1.00 |
| 5 | 1 | 1 | 3.80 | 5.30 | .19 |
| 6 | 1 | 6 | 4.70 | 6.00 | .18 |

TABLE A - 88

Reading Achievement - School Year
S R A Achievement Series
Reasoning

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 24 | 1.25 | 1.17 | .16 |
| 2 | 2 | 41 | 1.74 | 2.01 | .42 |
| 3 | 2 | 54 | 2.23 | 2.65 | .64 |
| 4 | 2 | 35 | 3.23 | 3.68 | .78 |

TABLE A - 89

Reading Achievement - School Year
S R A Achievement Series
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 24 | 1.35 | 1.31 | .08 |
| 2 | 4 | 54 | 1.84 | 2.38 | .48 |
| 3 | 5 | 76 | 2.59 | 3.20 | .66 |
| 4 | 4 | 50 | 3.35 | 4.05 | .45 |
| 5 | 1 | 1 | 3.60 | 5.60 | .25 |
| 6 | 2 | 42 | 4.06 | 5.46 | .03 |

TABLE A - 90

Reading Achievement - School Year
S R A Achievement Series
Arithmetic

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 2 | 40 | 1.43 | 1.59 | .75 |
| 2 | 2 | 38 | 1.97 | 2.29 | .79 |
| 3 | 1 | 28 | 2.73 | 2.95 | .44 |
| 4 | 1 | 23 | 3.67 | 4.01 | .68 |

TABLE A - 91

Reading Achievement - School Year
Stanford Achievement Test
Application

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 35 | .00 | .00 | 1.00 |
| 2 | 3 | 27 | 1.70 | 2.60 | .09 |
| 3 | 9 | 166 | 2.23 | 3.40 | .51 |
| 4 | 10 | 188 | 3.13 | 3.78 | .70 |
| 5 | 10 | 107 | 4.01 | 4.71 | 1.52 |
| 6 | 6 | 71 | 4.72 | 5.35 | 2.27 |
| 7 | 1 | 16 | 4.20 | 5.70 | .25 |
| 8 | 1 | 17 | 4.30 | 5.60 | .22 |

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Reading Achievement - School Year
Stanford Achievement Test
Problem Solving

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 5 | 1 | 41 | 3.90 | 5.10 | 1.71 |

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Reading Achievement - School Year
Wide Range Achievement Test
Reading

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 5 | 82 | 1.85 | 2.36 | 1.66 |
| 2 | 8 | 129 | 2.33 | 3.35 | 1.48 |
| 3 | 8 | 113 | 3.43 | 4.34 | 2.61 |
| 4 | 4 | 41 | 4.82 | 6.26 | 3.62 |
| 5 | 3 | 24 | 5.89 | 7.27 | 3.85 |
| 6 | 3 | 31 | 6.05 | 6.59 | 2.66 |

TABLE A - 94

Reading Achievement - School Year
Wide Range Achievement Test
Arithmetic

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 4 | 61 | 1.88 | 2.25 | 1.13 |
| 2 | 5 | 80 | 2.36 | 2.75 | .53 |
| 3 | 5 | 62 | 2.93 | 3.58 | 1.26 |
| 4 | 4 | 31 | 3.93 | 4.22 | .84 |

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Reading Achievement - School Year
Wide Range Achievement Test
Arithmetic

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 5 | 2 | 15 | 4.96 | 5.10 | 1.05 |
| 6 | 2 | 7 | 4.74 | 5.16 | 2.62 |

TABLE A - 96

Reading Achievement - School Year
Wide Range Achievement Test
Spelling

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 2 | 82 | 1.70 | 2.18 | 1.81 |
| 2 | 8 | 130 | 2.11 | 2.90 | .91 |
| 3 | 8 | 114 | 2.99 | 3.89 | 1.32 |
| 4 | 5 | 42 | 4.13 | 5.64 | 2.47 |
| 5 | 3 | 24 | 4.93 | 7.13 | 5.02 |
| 6 | 4 | 32 | 4.74 | 5.32 | 1.03 |

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Reading Achievement - School Year
Wide Range Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 10 | 162 | 1.57 | 2.29 | 1.17 |
| 2 | 16 | 262 | 2.15 | 3.02 | 1.97 |
| 3 | 15 | 200 | 2.97 | 3.91 | 1.45 |
| 4 | 11 | 137 | 3.44 | 4.57 | 1.61 |
| 5 | 11 | 128 | 4.33 | 5.39 | 1.62 |
| 6 | 8 | 131 | 4.85 | 5.39 | .92 |

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Reading Achievement - School Year
Wide Range Achievement Test
Computation

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 4 | 1 | 6 | 3.00 | 4.10 | 1.63 |

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Reading Achievement - School Year
Bobbs-Merrill Arithmetic Achievement Test
Concepts

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 2 | 24 | 2.57 | 2.65 | .06 |
| 2 | 2 | 32 | 2.91 | 3.10 | 1.98 |
| 3 | 2 | 31 | 3.15 | 3.59 | .44 |
| 4 | 2 | 27 | 4.24 | 4.25 | .10 |
| 5 | 2 | 19 | 4.69 | 4.91 | .22 |
| 6 | 1 | 7 | 5.30 | 5.70 | .40 |

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Reading Achievement - School Year
Bobbs-Merrill Arithmetic Achievement Test
Computation

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 2 | 24 | 2.76 | 2.83 | .15 |
| 2 | 2 | 32 | 3.46 | 3.49 | 1.21 |
| 3 | 2 | 31 | 3.49 | 3.92 | .42 |
| 4 | 2 | 27 | 4.14 | 4.24 | .10 |
| 5 | 2 | 19 | 4.92 | 5.38 | .47 |
| 6 | 1 | 7 | 6.30 | 6.20 | .10 |

TABLE A - 101

Reading Achievement - School Year
Bobbs-Merrill Arithmetic Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 2 | 24 | 2.48 | 2.71 | .19 |
| 2 | 2 | 32 | 3.18 | 3.27 | 1.64 |
| 3 | 2 | 31 | 3.35 | 3.75 | .40 |
| 4 | 2 | 27 | 4.19 | 4.24 | .05 |
| 5 | 2 | 19 | 4.77 | 5.17 | .40 |
| 6 | 1 | 7 | 5.80 | 5.90 | .10 |

TABLE A - 102

Reading Achievement - School Year
Key Math Diagnostic Arithmetic Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 6 | 170 | 1.07 | 1.99 | .84 |
| 2 | 8 | 181 | 2.04 | 2.76 | .66 |
| 3 | 8 | 199 | 2.70 | 3.67 | .88 |
| 4 | 4 | 70 | 3.30 | 4.11 | .20 |
| 5 | 4 | 49 | 3.64 | 5.07 | .20 |
| 6 | 3 | 50 | 4.51 | 5.60 | .15 |

TABLE A - 103

Reading Achievement - School Year
Informal Arithmetic Assessment
Concepts

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 1 | 41 | 2.70 | 3.20 | .07 |
| 4 | 5 | 82 | 2.87 | 4.02 | .95 |
| 5 | 4 | 106 | 3.62 | 4.71 | .74 |
| 6 | 5 | 242 | 4.86 | 5.92 | 1.05 |
| 8 | 1 | 17 | 5.70 | 6.80 | 1.63 |

TABLE A - 104

Reading Achievement - School Year
Informal Achievement Assessment
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 1 | 41 | 2.20 | 3.40 | .17 |
| 4 | 4 | 56 | 3.12 | 4.02 | .44 |
| 5 | 2 | 44 | 3.49 | 4.07 | 1.15 |
| 6 | 2 | 52 | 4.18 | 5.02 | 1.68 |

TABLE A - 105

Reading Achievement - School Year
Informal Arithmetic Assessment
Addition

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 1 | 41 | 2.50 | 3.20 | .10 |
| 4 | 1 | 33 | 2.80 | 3.70 | .13 |

TABLE A - 106

Reading Achievement - School Year
Informal Achievement Assessment
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 1 | 1.20 | 2.20 | .11 |
| 2 | 5 | 137 | 1.55 | 2.52 | .76 |

TABLE A - 107

Reading Achievement - School Year
Informal Arithmetic Assessment
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 4 | 113 | 2.35 | 3.32 | 1.18 |
| 4 | 6 | 97 | 2.97 | 3.85 | .65 |
| 5 | 4 | 98 | 4.02 | 4.94 | .44 |
| 6 | 2 | 48 | 4.50 | 5.75 | .15 |
| 7 | 2 | 1,952 | 4.15 | 3.77 | .17 |
| 8 | 1 | 2 | 5.80 | 6.50 | 1.50 |

TABLE A - 108

Reading Achievement - School Year
California Achievement Test
Mechanics

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 12 | 1.23 | 1.83 | 3.00 |
| 2 | 3 | 88 | 1.84 | 2.53 | 1.04 |
| 3 | 3 | 110 | 2.63 | 3.65 | 1.68 |
| 4 | 2 | 101 | 3.19 | 3.87 | .96 |
| 5 | 1 | 78 | 4.31 | 5.82 | 2.16 |
| 6 | 1 | 74 | 5.07 | 6.29 | 1.74 |
| 9 | 1 | 53 | 4.60 | 5.40 | 1.00 |
| 10 | 1 | 102 | 5.20 | 5.40 | .25 |
| 11 | 1 | 122 | 6.60 | 7.30 | .88 |
| 12 | 1 | 88 | 6.90 | 7.90 | 1.25 |

TABLE A - 109

Reading Achievement - School Year
California Achievement Test
Usage

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 12 | 1.29 | 1.42 | .65 |
| 2 | 3 | 88 | 1.95 | 2.56 | 1.01 |
| 3 | 3 | 110 | 2.53 | 3.26 | 1.10 |
| 4 | 1 | 16 | 1.74 | 2.42 | .85 |
| 5 | 1 | 78 | 4.06 | 4.88 | 1.17 |
| 6 | 1 | 74 | 4.69 | 5.33 | .91 |

TABLE A - 110

Reading Achievement - School Year
California Achievement Test
Usage

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 9 | 1 | 54 | 5.60 | 6.10 | .63 |
| 11 | 1 | 123 | 7.40 | 7.00 | .05 |
| 12 | 1 | 87 | 8.10 | 7.40 | .09 |

TABLE A - 111

Reading Achievement - School Year
California Achievement Test
Auding

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 12 | 2.03 | 2.52 | 2.45 |
| 2 | 3 | 88 | 2.07 | 2.56 | .78 |
| 4 | 1 | 85 | 3.55 | 4.35 | 1.14 |

TABLE A - 112

Reading Achievement - School Year
California Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 12 | 1.27 | 1.75 | 2.40 |
| 2 | 4 | 127 | 1.66 | 2.48 | 1.23 |
| 3 | 4 | 143 | 2.39 | 3.45 | 1.67 |
| 4 | 2 | 101 | 3.29 | 4.03 | 1.03 |
| 5 | 1 | 78 | 4.31 | 5.57 | 1.80 |
| 6 | 1 | 74 | 5.02 | 5.98 | 1.37 |
| 9 | 1 | 53 | 4.80 | 5.80 | 1.25 |
| 10 | 1 | 102 | 5.50 | 5.60 | .13 |
| 11 | 1 | 122 | 7.10 | 7.60 | .63 |
| 12 | 1 | 87 | 7.30 | 8.10 | 1.00 |

TABLE A - 113

Reading Achievement - School Year
Stanford Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 14 | 2.19 | 2.27 | .57 |
| 2 | 1 | 14 | 2.86 | 2.92 | .40 |
| 3 | 3 | 31 | 28.36 | 29.85 | 1.01 |
| 4 | 2 | 12 | 4.27 | 4.40 | .58 |
| 5 | 1 | 13 | 6.15 | 6.34 | 1.27 |
| 6 | 1 | 8 | 5.90 | 5.44 | 3.07 |

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Reading Achievement - School Year
Metropolitan Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 1 | 5 | 1.30 | .00 | .29 |
| 3 | 2 | 17 | 2.70 | 3.53 | 1.09 |
| 4 | 2 | 14 | 3.11 | 4.27 | 1.48 |
| 5 | 2 | 10 | 4.34 | 4.66 | .40 |
| 6 | 2 | 13 | 4.60 | 5.70 | 1.10 |

TABLE A - 115

Reading Achievement - School Year
Iowa Test of Basic Skills
Usage

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 1 | 65 | 2.00 | 2.90 | 1.13 |
| 7 | 1 | 20 | 4.90 | 4.90 | .00 |
| 8 | 1 | 14 | 5.60 | 6.10 | .63 |

TABLE A - 116

Reading Achievement - School Year
Iowa Test of Basic Skills
Capitalization

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 7 | 1 | 20 | 5.10 | 4.80 | .04 |
| 8 | 1 | 14 | 5.90 | 6.40 | .63 |

TABLE A - 117

Reading Achievement - School Year
Iowa Test of Basic Skills
Punctuation

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 7 | 1 | 20 | 4.80 | 5.20 | .50 |
| 8 | 1 | 15 | 6.10 | 5.70 | .04 |

TABLE A - 118

Reading Achievement - School Year
California Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 2 | 31 | 1.49 | 1.78 | 1.45 |
| 2 | 3 | 88 | 1.92 | 2.71 | 1.16 |
| 3 | 3 | 109 | 2.59 | 3.50 | 1.28 |
| 4 | 3 | 117 | 3.28 | 3.72 | .66 |
| 5 | 1 | 78 | 4.11 | 4.65 | .77 |
| 6 | 1 | 74 | 4.89 | 5.44 | .79 |
| 9 | 1 | 52 | 5.30 | 6.30 | 1.25 |
| 10 | 1 | 101 | 5.90 | 7.50 | 2.00 |
| 11 | 1 | 121 | 7.00 | 8.40 | 1.75 |
| 12 | 1 | 80 | 6.60 | 10.00 | 4.25 |

TABLE A - 119

Reading Achievement - School Year
Metropolitan Achievement Test
Spelling

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 1 | 15 | 1.80 | 2.40 | .07 |
| 3 | 2 | 12 | 2.40 | 4.03 | 2.49 |
| 4 | 1 | 5 | 3.18 | 4.18 | 1.67 |
| 5 | 1 | 3 | 3.90 | 4.47 | .95 |
| 6 | 1 | | .00 | .00 | .00 |

TABLE A - 120

Reading Achievement - School Year
Stanford Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 1 | 14 | 1.70 | 3.00 | 1.30 |
| 3 | 1 | 9 | 2.80 | 3.20 | .40 |

TABLE A - 121

Reading Achievement - School Year
Iowa Test of Basic Skills
Spelling

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 80 | 1.00 | 1.90 | 1.13 |
| 2 | 1 | 70 | 1.00 | 1.90 | 1.13 |
| 3 | 1 | 15 | 2.80 | 3.50 | .08 |

TABLE A - 122

Reading Achievement - School Year
CTBS
Spelling

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 43 | .60 | .80 | 1.00 |
| 3 | 1 | 37 | 2.00 | 2.10 | .50 |

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Reading Achievement - School Year
Stanford Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 1 | 27 | 1.80 | 2.40 | .09 |
| 3 | 1 | 12 | 2.50 | 3.60 | .16 |
| 4 | 1 | 2 | 2.50 | 3.60 | .22 |
| 7 | 1 | 12 | 7.54 | 7.28 | .17 |
| 8 | 1 | 14 | 8.01 | 10.68 | 1.78 |

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Reading Achievement - School Year
Iowa Test of Basic Skills
Total

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 1 | 65 | 2.10 | 3.00 | 1.13 |

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Reading Achievement - Summer
California Achievement Test
Comprehension

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 3 | 52 | 1.24 | 1.91 | 2.10 |
| 2 | 4 | 61 | 2.34 | 2.63 | 1.63 |
| 3 | 4 | 66 | 2.54 | 2.98 | 1.70 |
| 4 | 2 | 14 | 3.54 | 3.75 | 1.51 |
| 5 | 1 | 11 | 4.85 | 5.24 | 3.90 |
| 6 | 1 | 12 | 6.39 | 5.89 | 5.00 |

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Reading Achievement - Summer
California Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rat |
|---|---|---|---|---|---|
| 1 | 4 | 65 | 1.53 | 1.85 | 2.67 |
| 2 | 7 | 95 | 2.60 | 2.85 | 1.34 |
| 3 | 7 | 110 | 2.97 | 3.39 | 1.66 |
| 4 | 5 | 48 | 3.93 | 4.33 | 1.29 |
| 5 | 2 | 30 | 5.72 | 2.23 | .64 |
| 6 | 2 | 19 | 6.32 | 6.33 | .89 |

TABLE A - 127

Reading Achievement - Summer
California Achievement Test
Picture Association

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 1 | 14 | 2.50 | 2.70 | .20 |

TABLE A - 128

Reading Achievement - Summer
Gates MacGinitie Reading Test
Comprehension

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 11 | 173 | 1.60 | 1.93 | 2.29 |
| 2 | 11 | 136 | 2.21 | 2.55 | 2.81 |
| 3 | 12 | 137 | 2.88 | 3.13 | 2.46 |
| 4 | 10 | 106 | 3.46 | 3.84 | 3.02 |
| 5 | 7 | 58 | 4.30 | 4.46 | 1.33 |
| 6 | 4 | 33 | 5.05 | 5.38 | 2.36 |

TABLE A - 129

Reading Achievement - Summer
Gates MacGinitie Reading Test
Vocabulary

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 9 | 149 | 1.80 | 2.31 | 3.45 |
| 2 | 10 | 135 | 2.69 | 2.97 | 1.94 |
| 3 | 11 | 136 | 3.21 | 3.76 | 3.73 |
| 4 | 9 | 101 | 4.19 | 4.53 | 3.60 |
| 5 | 7 | 58 | 4.52 | 4.82 | 1.52 |
| 6 | 4 | 33 | 5.35 | 5.28 | 1.51 |

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Reading Achievement - Summer
Gates MacGinitie Reading Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 9 | 123 | 1.76 | 2.22 | 3.00 |
| 2 | 9 | 115 | 2.36 | 2.72 | 2.62 |
| 3 | 10 | 111 | 3.05 | 3.43 | 2.97 |
| 4 | 9 | 93 | 3.96 | 4.31 | 3.18 |
| 5 | 7 | 58 | 4.37 | 4.58 | 1.15 |
| 6 | 4 | 33 | 5.16 | 5.27 | 1.08 |

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Reading Achievement - Summer
Gates MacGinitie Reading Test
Speed and Accuracy

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 4 | 1 | 9 | 5.90 | 8.70 | 2.80 |
| 5 | 1 | 15 | 4.00 | 4.80 | .80 |

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Reading Achievement - Summer
Metropolitan Achievement Test
Reading

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 10 | 191 | 1.57 | 1.81 | 1.47 |
| 2 | 13 | 275 | 1.97 | 2.36 | 1.16 |
| 3 | 12 | 267 | 2.36 | 2.77 | 1.13 |
| 4 | 9 | 195 | 3.21 | 3.30 | 1.21 |
| 5 | 5 | 73 | 3.58 | 4.35 | 1.45 |
| 6 | 4 | 69 | 3.77 | 4.56 | .68 |
| 7 | 1 | 21 | 5.40 | 5.70 | 3.00 |
| 8 | 1 | 6 | 4.30 | 5.10 | 8.00 |

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Reading Achievement - Summer
Metropolitan Achievement Test
Word Knowledge

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 7 | 132 | 1.86 | 1.94 | .53 |
| 2 | 11 | 217 | 2.27 | 2.88 | 1.56 |
| 3 | 9 | 212 | 2.84 | 3.21 | 1.02 |
| 4 | 7 | 160 | 3.23 | 3.52 | .57 |
| 5 | 3 | 55 | 3.89 | 4.18 | .41 |
| 6 | 2 | 45 | 3.60 | 4.50 | .15 |

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Reading Achievement - Summer
Metropolitan Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 12 | 204 | 1.72 | 1.88 | 1.27 |
| 2 | 13 | 275 | 2.11 | 2.55 | 1.10 |
| 3 | 10 | 251 | 2.51 | 2.87 | .68 |
| 4 | 7 | 189 | 2.99 | 3.35 | .41 |
| 5 | 5 | 112 | 3.73 | 3.95 | .19 |
| 6 | 4 | 90 | 4.18 | 4.83 | .30 |

TABLE A - 135

Reading Achievement - Summer
Metropolitan Achievement Test
Word Analysis

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 6 | 88 | 1.84 | 1.91 | .66 |
| 2 | 7 | 74 | 2.61 | 2.63 | 1.37 |
| 3 | 3 | 38 | 3.35 | 3.44 | .74 |
| 4 | 1 | 10 | 3.60 | 4.00 | 3.20 |

TABLE A - 136

Reading Achievement - Summer
Metropolitan Achievement Test
Vocabulary

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 14 | 1.97 | 2.10 | .87 |
| 2 | 1 | 14 | 2.71 | 2.92 | 1.40 |
| 3 | 1 | 15 | 3.93 | 4.13 | 1.33 |
| 4 | 1 | 10 | 40.90 | 38.88 | 1.40 |
| 5 | 1 | 13 | 5.35 | 6.35 | 6.67 |
| 6 | 1 | 8 | 5.34 | 5.76 | 2.13 |

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Reading Achievement - Summer
Metropolitan Achievement Test
Comprehension

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 2 | 58 | 1.80 | 1.87 | 1.98 |
| 2 | 2 | 53 | 2.41 | 2.63 | 1.76 |
| 3 | 2 | 63 | 3.25 | 3.44 | 1.76 |
| 4 | 1 | 10 | 4.01 | 4.28 | 1.80 |
| 5 | 1 | 13 | 5.80 | 5.98 | 1.20 |
| 6 | 1 | 8 | 5.08 | 5.44 | 2.40 |

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Reading Achievement - Summer
SRA Achievement Series
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 1 | 42 | 1.80 | 2.50 | .12 |
| 3 | 1 | 28 | 2.60 | 3.10 | .08 |

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Reading Achievement - Summer
Stanford Achievement Test
Word Reading Study Skill

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 5 | 49 | 1.62 | 1.93 | 1.72 |
| 2 | 6 | 138 | 1.46 | 1.86 | 1.71 |
| 3 | 4 | 88 | 2.48 | 2.93 | 2.26 |
| 4 | 2 | 15 | 3.41 | 4.31 | 6.00 |
| 5 | 2 | 29 | 4.43 | 5.82 | 10.11 |
| 6 | 1 | 7 | 5.47 | 6.41 | 6.27 |

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Reading Achievement - Summer
Stanford Achievement Test
Vocabulary

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 2 | 24 | 1.45 | 1.60 | .72 |
| 2 | 2 | 26 | 2.04 | 2.30 | 1.31 |
| 3 | 3 | 27 | 3.11 | 3.58 | 2.50 |
| 4 | 2 | 20 | 3.51 | 3.69 | 1.20 |
| 5 | 2 | 13 | 4.88 | 4.98 | .67 |
| 6 | 3 | 60 | 4.81 | 4.91 | .92 |
| 7 | 1 | 47 | 6.20 | 5.80 | 4.00 |
| 8 | 1 | 7 | 6.00 | 5.80 | 2.00 |

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Reading Achievement - Summer
Stanford Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 8 | 90 | 1.60 | 1.86 | 1.16 |
| 2 | 11 | 130 | 2.04 | 2.65 | 1.28 |
| 3 | 9 | 142 | 2.69 | 3.19 | 1.22 |
| 4 | 5 | 52 | 3.63 | 3.97 | 1.88 |
| 5 | 4 | 46 | 4.51 | 4.50 | .72 |
| 6 | 4 | 74 | 4.55 | 5.22 | 5.93 |
| 7 | 3 | 59 | 6.62 | 5.94 | 4.61 |
| 8 | 2 | 21 | 8.93 | 7.70 | 1.05 |

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Reading Achievement - Summer
Stanford Achievement Test
Reading

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 5 | 55 | 1.46 | 1.61 | .65 |
| 2 | 8 | 81 | 2.12 | 2.57 | 1.20 |
| 3 | 7 | 60 | 3.13 | 3.49 | 1.71 |
| 4 | 6 | 57 | 3.67 | 4.09 | 2.96 |
| 5 | 6 | 59 | 4.94 | 5.29 | 2.68 |
| 6 | 5 | 79 | 4.51 | 4.65 | .96 |
| 7 | 2 | 42 | 6.41 | 5.18 | 1.14 |
| 8 | 2 | 21 | 8.80 | 7.47 | 1.15 |

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Reading Achievement - Summer
Comprehensive Tests of Basic Skill
Vocabulary

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 1 | 17 | 2.90 | 3.10 | .80 |
| 4 | 1 | 18 | 3.30 | 3.30 | .00 |
| 5 | 1 | 19 | 4.10 | 4.30 | .80 |
| 6 | 1 | 36 | 4.90 | 5.10 | .80 |
| 7 | 1 | 20 | 5.50 | 6.80 | .05 |

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Reading Achievement - Summer
Comprehensive Tests of Basic Skill
Comprehensive

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 1 | 17 | 3.00 | 2.90 | .40 |
| 4 | 1 | 18 | 3.30 | 3.10 | .80 |
| 5 | 1 | 19 | 4.10 | 4.10 | .00 |
| 6 | 1 | 36 | 5.10 | 4.30 | 3.20 |
| 7 | 1 | 20 | 5.90 | 6.40 | 2.00 |

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Reading Achievement - Summer
Comprehensive Tests of Basic Skill
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 1 | 17 | 2.90 | 3.00 | .40 |
| 4 | 1 | 18 | 3.30 | 3.20 | .40 |
| 5 | 1 | 19 | 4.00 | 4.20 | .80 |
| 6 | 1 | 36 | 5.20 | 4.90 | 1.20 |
| 7 | 1 | 20 | 5.80 | 6.60 | 3.20 |

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Reading Achievement - Summer
California Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 1 | 11 | 2.40 | 2.70 | .30 |
| 3 | 1 | 16 | 3.40 | 3.60 | .20 |
| 4 | 1 | 17 | 4.30 | 4.80 | .50 |
| 5 | 1 | 14 | 5.60 | 6.00 | .40 |
| 6 | 1 | 6 | 7.00 | 7.60 | .60 |

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Reading Achievement - Summer
Metropolitan Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 2 | 28 | 1.04 | 1.20 | 1.19 |
| 2 | 1 | 10 | 1.70 | 1.90 | 2.00 |

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Reading Achievement - Summer
S R A Achievement Series
Computation

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 2 | 24 | 2.56 | 3.34 | 5.50 |

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Reading Achievement - Summer
S R A Achievement Series
Concepts

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 4 | 2 | 36 | 3.35 | 4.25 | 6.00 |

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Reading Achievement - Summer
S R A Achievement Series
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 2 | 37 | 1.65 | 2.55 | 5.74 |
| 2 | 1 | 14 | 1.80 | 2.50 | 4.67 |
| 3 | 1 | 14 | 2.60 | 3.80 | 8.00 |
| 4 | 1 | 18 | 3.40 | 4.30 | 4.67 |

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Reading Achievement - Summer
Stanford Achievement Test
Application

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 2 | 8 | 3.10 | 3.10 | .00 |
| 3 | 2 | 15 | 2.90 | 3.70 | 4.10 |
| 4 | 2 | 12 | 3.92 | 4.70 | 4.50 |
| 5 | 2 | 27 | 5.21 | 5.41 | 2.35 |
| 7 | 1 | 28 | 7.10 | 7.20 | .67 |

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Reading Achievement - Summer
Wide Range Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 8 | 1.90 | 2.30 | 4.00 |
| 2 | 1 | 11 | 2.90 | 3.00 | 1.00 |
| 3 | 1 | 6 | 3.30 | 3.40 | 1.00 |

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Reading Achievement - Summer
Key Math Diagnostic Arithmetic Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 2 | 58 | 1.87 | 2.25 | 2.58 |
| 2 | 3 | 86 | 2.28 | 3.01 | 2.79 |
| 3 | 3 | 76 | 3.32 | 4.23 | 6.10 |
| 4 | 2 | 29 | 3.79 | 4.47 | 4.55 |
| 5 | 2 | 38 | 4.26 | 5.27 | 6.77 |
| 6 | 2 | 27 | 4.47 | 5.80 | 8.89 |
| K | 1 | 42 | .88 | 1.07 | 1.27 |

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Reading Achievement - Summer
Informal Arithmetic Assessment
Addition

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 1 | 10 | 3.40 | 3.50 | .07 |
| 4 | 1 | 9 | 3.80 | 4.40 | 4.00 |

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Reading Achievement - Summer
Informal Arithmetic Assessment
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 12 | 1.20 | 2.23 | .69 |
| 2 | 1 | 16 | 2.93 | 3.16 | 1.53 |
| 3 | 3 | 48 | 3.27 | 3.47 | 1.42 |
| 4 | 2 | 18 | 3.93 | 4.47 | 2.57 |
| 5 | 1 | 12 | 5.81 | 5.96 | 1.00 |

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Reading Achievement - Summer
California Achievement Test
Auding

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 3 | 267 | .00 | 1.58 | .00 |

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Reading Achievement - Summer
California Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 1 | 42 | 1.80 | 2.40 | .10 |

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Reading Achievement - Summer
CTBS
Mechanics

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 2 | 45 | 2.36 | 3.11 | .85 |
| 4 | 1 | 18 | 4.20 | 4.10 | .40 |

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Reading Achievement - Summer
CTBS
Mechanics

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 5 | 1 | 20 | 4.30 | 4.40 | .40 |
| 7 | 2 | 34 | 7.10 | 7.20 | .40 |

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Reading Achievement - Summer
CTBS
Expression

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 1 | 17 | 2.70 | 2.90 | .80 |
| 4 | 1 | 18 | 3.80 | 3.80 | .00 |
| 5 | 1 | 20 | 4.50 | 4.00 | 2.00 |
| 6 | 1 | 35 | 5.30 | 4.80 | 2.00 |
| 7 | 1 | 17 | 6.10 | 6.20 | .40 |

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Reading Achievement - Summer
CTBS
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 3 | 1 | 17 | 2.70 | 2.80 | .40 |
| 4 | 1 | 18 | 3.60 | 3.40 | .80 |
| 5 | 1 | 20 | 4.20 | 3.90 | 1.20 |
| 6 | 1 | 35 | 4.80 | 4.60 | .80 |
| 7 | 1 | 17 | 5.90 | 6.60 | 2.80 |

TABLE A - 162

Reading Achievement - Summer
Metropolitan Achievement Test
Spelling

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 1 | 1 | 12 | 1.30 | 1.50 | 2.00 |

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Reading Achievement - Summer
Stanford Achievement Test
Total Score

| Grade | Number of Programs | Number of Participants | Grade Equivalent Pre-Test Mean | Grade Equivalent Post-Test Mean | Average Monthly Gain Rate |
|---|---|---|---|---|---|
| 2 | 1 | 10 | 1.60 | 1.70 | 1.00 |